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# W. D. WISE SEED CO.

EL PASO, TEXAS



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"PRIZE VEGETABLES" ALL RAISED FROM OUR HIGH GRADE SEED

## HIGH GRADE SEEDS POULTRY SUPPLIES



PAPAGO SWEET CORN



SUDAN GRASS

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**"HIGH GRADE"  
"SEEDS"**

## **W. D. WISE SEED CO.**

**"HIGH GRADE"  
"SEEDS"**

Order No.

## ORDER SHEET

State whether goods are to be shipped  
by Freight, Express or Mail..... Date .....

Your Name .....  
(Write Very Plainly)

Post Office State

(Write Very Plainly)

Post Office ..... State .....

County ..... Street No. .....

Street No

P. O. Box ..... R. F. D. No. ....

Express Co. or R. R. Co. ....

**PARCEL POST RATES**

1st and 2nd Zoae (up to 150 miles from El Paso) 5c for the first pound, 1c for each additional pound.

3rd Zone (up to 300 miles from El Paso) 6c for the first pound and 2c for each additional pound.

4th Zone (up to 600 miles from El Paso) 7c for the first pound and 4c for each additional pound.

Seeds may be insured by parcel post for 5c each package up to \$25.00 value; and 10c up to \$50.00 value; unless this insurance is included with your order we send goods parcel post at your risk.

## NOTICE

We pay postage on all garden and flower seed, except: Peas, Beans, Sweet Corn, Onion Sets, Clover, Grass and field seeds and plants. These now come under parcel post and when ordering any of the above mentioned, include postage. The zone rates are shown above.

## POULTRY SUPPLIES

## **GUARANTEE**

We give no Warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants we seed out and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

M'MATH—EL PASO

PKT.	OZ.	LBS.	NAME OF SEEDS	PRICE	TOTAL

P. S.—We are sure that our "High Grade Seeds" would help some of your friends to better gardens. We would appreciate it if you would do us the favor of sending us a few addresses of your friends who have gardens. By so doing you would help them and us. Thank you.

# TO OUR FRIENDS AND CUSTOMERS

---

We take pleasure in presenting you with our tenth annual catalogue. Our increased business the past season demonstrates that our efforts to satisfy our many customers have proven successful.

We have received many gratifying letters from our customers telling us of the fine results obtained from planting our seed, and we anticipate our business this coming season will be the largest in our history. If you have had good results from using our seed kindly tell your friends.

It has been our constant aim in the past to furnish you with the very best grade of tested seeds, adapted to the conditions that exist in our section of the country and we are gratified to note, from our greatly increased orders, that our efforts in your behalf have been appreciated.

We shall continue to serve you in the future as we have in the past; prompt service, reliable true-to-name seeds and of the best quality that money can buy, at prices comparable with those of any other reliable seed house in the United States.

We will not handle cheap seeds under any consideration. Our specialty has been and is, the supplying of seeds to market gardeners, the most exacting of all classes of planters. They always demand the best and insist upon getting it, consequently, in catering to this trade we handle nothing but that grade of seeds designed to SATISFY the most exacting. We thoroughly test all seeds that come into our house, thus insuring the purchaser against possible loss in planting seeds of low germinating qualities.

We thank you for your patronage in the past and assure you of our appreciation of a continuation of our pleasant business relations.

Very truly yours,

El Paso, Texas.

W. D. WISE SEED CO.

## GUARANTEE

While we exercise the greatest care in the selection and distribution of our seeds, there are many elements that enter into the matter of securing results from the planting of any seeds. Therefore it is impossible for us to guarantee the seeds we sell. We give no warranty expressed or implied as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

## TERMS

We do not send goods C. O. D. Please send remittance in full by draft, money order or cash in registered letter. We take postage stamps in moderate amounts.

## GOODS BY MAIL

All garden and flower seeds listed in this catalogue are sent by mail without additional cost to purchaser, with the exception of Beans, Corn, Peas and Onion sets. Add sufficient to your remittance at regular parcels post rates to cover postage on these items.

## SEND IN ORDERS EARLY

There will be a shortage in several popular varieties of seeds this season, and we strongly urge you to send in your orders early. We fill all orders promptly in the order in which they are received.

## NO PREMIUMS

We have never adopted the custom of some seed houses of giving premiums on certain orders—the majority of our customers prefer "value received" in the grade of seeds we handle and will not take chances for the sake of a few cents worth of premiums.

## MARKET GARDENER PRICES

We will quote special prices to market gardeners and purchasers of large quantities of seed, but we handle only one grade—THE BEST.

# ALFALFA SEED

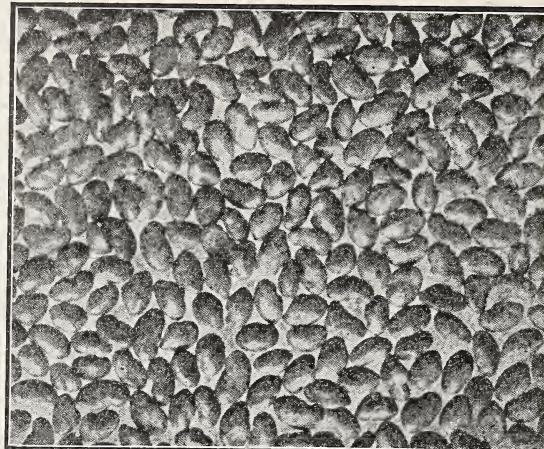
Buy your Alfalfa seed where you know you will get pure seed that will grow at a reasonable price.

Consult with us if in need of planting information.

#### PURE ALFALFA SEED

Single Pound, 30c postpaid; 10 pounds \$3.00; 100 pounds \$25.00, F. O. B., El Paso.

WRITE FOR QUANTITY PRICE



**Hairy Peruvian** Recommended by the Department of Agriculture as being more hardy than the smooth Peruvian and because it is more hardy, it has a longer growing season and will yield more tonnage per acre per year, and on that account is more valuable in some localities than in others.

This wonderful alfalfa has been in the experimental stage for 5 to 6 years, and while we have felt that it was superior to other varieties, we have refrained from recommending it until we were sure. After having observed it under various conditions we find it far superior to any other kinds, producing from 2 to 3 tons more per acre per season. Hairy Peruvian is the hardiest type ever introduced and enjoys the longest growing season. It produces a greater number of leaves than any other variety, thus creating the most highly nutritious hay. It has greater frost resistance; therefore, begins growth earlier in the spring and grows later in the fall than common varieties. It recovers quickly after cutting and grows very rapidly. Some of our Hairy Peruvian growers pastured their fields all last winter and the new growth was actually conspicuous throughout the winter. Lb. 40c, postpaid; 10 lbs. \$3.50; 100 lbs. \$30.00. Certified Seed.

## Early Baart Seed Wheat

The coming wheat for our Southwestern country, preferred by local millers.

We have been selling early Baart since 1914 and its superiority over all others for the Southwest has been proven.

Treat your wheat before planting.

Write for price stating number of acres you will plant.

This variety is of Russian origin and was introduced into this country by a student at the Michigan Agricultural College. Upon being tried out at the Experiment Station Trial Grounds, it was found to be much superior to any variety then in use. It was found that while common rye would

The magnified photograph will give some idea of this seed and how pure alfalfa seed should look.

Before you even think of buying uncertain seed get our price and sample.

The distribution of our Alfalfa seed extends over several states—with large annual exports.

A record of over seventeen years in El Paso with rapidly expanding business.

## Burbank Super Wheat

The new "Super" Wheat has been tested alongside of sixty-eight of the best Wheats of the world, and has excelled them all in yield and uniformity. Mr. W. H. Perkins, Las Cruces, N. M., first brought this Wheat into this valley. Mr. Perkins says:

"The best and surest planting time is in October, but not later than December. To save seed, plant as early as October. Twenty-five pounds of seed planted in October is equal to forty pounds planted in December. I would not recommend over thirty pounds of seed on good land, planted as early as October, but if the land is poor, it will take more seed, and the later you plant, the more seed it will take, on account of not having time to stool. Planting early also assures you a good pasture all winter, but be careful and don't pasture too late."

"The one important thing is to be careful and not give the Wheat too much water, as it will stand more drought than most Wheat. I irrigated this Wheat four times in the spring and summer, and am satisfied I irrigated once too often."

Recleaned Seed 20c per lb., \$4.00 per bu., \$6.00 per 100 lbs.

## Turkey Red

This is the Standard winter variety for this part of the country. It is medium hard, bearded and producing long heads. In colors it ranges from dark to light red. The grain is large and less liable to shell out than most varieties. It stands drought and open winters very satisfactorily, and is a heavy yielder.

## Texas Red Rust Proof

### Seed Oats

This oat has given immense satisfaction wherever grown, in fact our trade has been so well pleased with Texas Red Rust Proof that we are now handling no other seed oat.

Write for sample and prices. Sample will convince you that we are really offering selected recleaned stock and not ordinary feed oats.

## Rosen Rye

produce an average of fifty bushels to the acre, double the yield is usually obtained with Rosen Rye. This variety is especially recommended for sandy soil and while it does well on a heavy soil, it may not be as profitable as wheat.

20c per lb.; \$3.50 per bu.; \$5.00 per 100 lbs.

## PERFECTION MIXED BIRD SEED AND BIRD SUPPLIES

BIRD MANNA  
SILVER GRAVEL  
RED GRAVEL  
MITE POWDER  
SONG RESTORER  
BIRD BITTERS

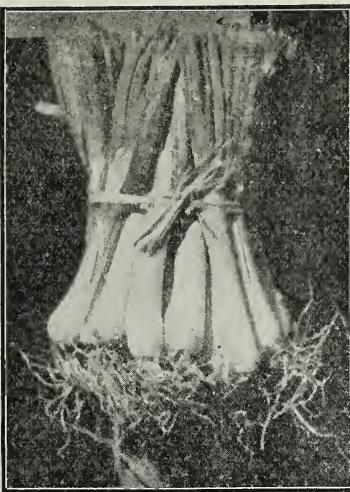
BE SURE AND ORDER  
PERFECTION  
BRAND  
MIXED  
BIRD  
SEED

Perfection brand bird seed is always fresh, made by us frequently as our trade is enormous. Contains only choicest canary, hemp, rape, etc.

We carry all seeds for canaries and parrots, such as sunflower, hemp, rape, millet, etc.

Write for prices.

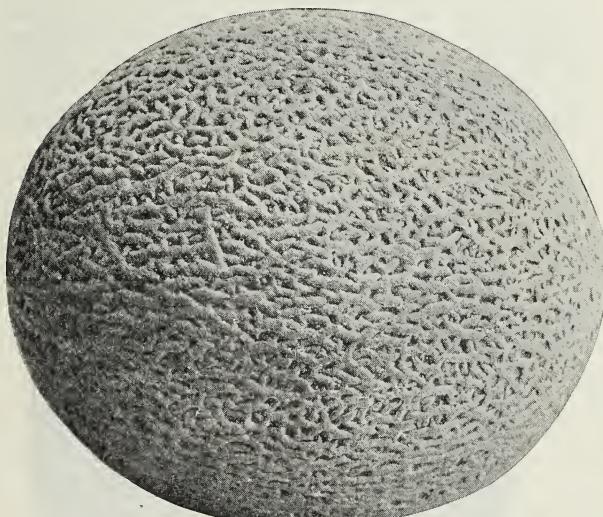
## BUNCHING ONION



Bunching Onion

Many people think that a any white onion will do for a bunching onion, but this is not true. Our growers for f a n c y trade have learned that we have the best strain for this purpose, and our sales on this seed are increasing each year.

Price—Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$5.00.



Salmon Tinted Rocky Ford

## Salmon Tinted Rocky Ford

(Generally known as the Salmon Tinted Pollock No. 25)

Although of recent introduction, the Salmon Tinted Cantaloupe quickly became the most popular variety ever introduced. For the past two seasons we have had but little call for seed of the green fleshed strains. This new strain is highly rust-resistant and yields a heavy crop. It is one of the very best long-distance shippers.

It is nearly as early as the Eden Gem and very prolific. The melons run very uniform in size. In shape it is a trifle longer than the Eden Gem, practically all run solid net, without any indication of the ribs. The netting is extremely heavy and very light colored when matured. The seed cavity is small. The flesh changes from a deep green near the rind to a rich salmon pink near the seed cavity; fine grained and very solid. The attractive color of the flesh and the unsurpassed flavor will appeal to the most highly cultivated tastes. Its fine appearance attracts the particular trade and commands the highest market price wherever introduced. Price Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

## EL PASO ONION

We take pleasure in announcing that we have again been able to secure some of the El Paso Onion Seed and as long as our stock lasts can fill your orders for same.

This is without question the best White Onion to plant in this section. The bulbs are large and flat, the skin a pearly white and the mild flavor makes it one of the most popular onions on the market. Do not fail to include some of this seed in your order. Price pkt 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50;  $\frac{1}{2}$  lb. \$2.75; lb. \$5.00

## Oregon Evergreen Corn

For several seasons we have been closely watching results obtained from Oregon Evergreen Sweet Corn in this section before offering it to our customers and now can safely recommend this corn to our patrons. And once tried it will also have the indorsement of both Market Gardeners as well as the Home Gardener.

The advantage of this corn over all others is its earliness, its long size, rarely less than 8 inches long, clear of husk. The grains are full to the tip, the husk is very thick and folds so tightly over the grains that worms do very little damage compared with other varieties.

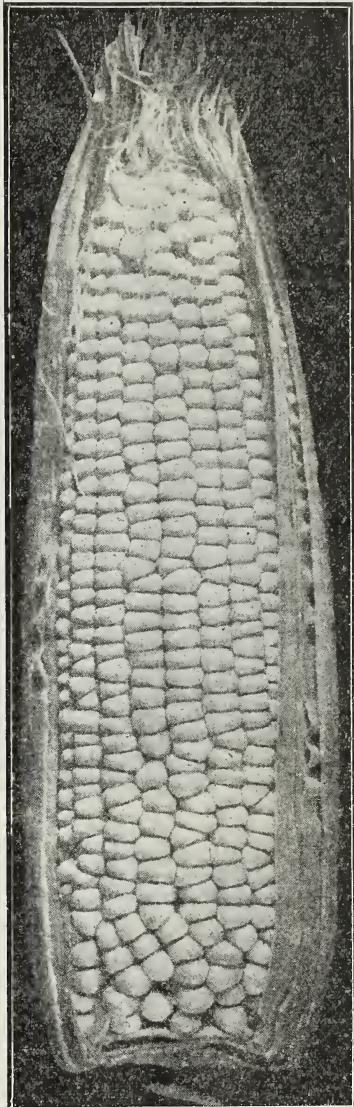
It is desired by the grocery man and peddler because of its thick husk and can be held over several days before appearing old or wilted. It is very productive and averages three good ears to each stalk after bearing five marketable ears. Try it.

Price—Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 35c. Not Postpaid.

## Gold Lined Canta-loupe

This strain of the Eden Gem type is the result of several years selection by one of the most progressive farmers of Rocky Ford, Colo. Its shape is ideal, very slightly oval, no ribs, and it is heavily netted over the entire melon. The bloom button is small and flesh as thick at the end as elsewhere. The melon is thick meated, fine grained and sweet; color, green with a gold margin to the seed cavity.

Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

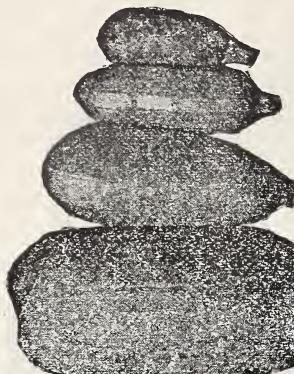


Oregon Evergreen Corn

## Chinese Cabbage

It is surprising that so few people learned to appreciate the value of the Chinese Cabbage, a type that has been maintained for hundreds of years by that race. It only remains for Americans to find out its merits to make it popular. It is tender, crisp, blanches itself perfectly, and is equally good raw or cooked. Price Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.65; lb., \$5.00.

## ITALIAN SQUASH



Italian Squash

Is a bush variety, and should be planted 5 feet apart. It should be used when quite young. When served it has a rich creamy flavor not equaled by any other squash. Some gardeners have made considerable money making a specialty of it. For the family garden we would recommend its use instead of the small White Bush Scallop, because of its excellent flavor. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 90c; lb., \$1.50.



## Black Beauty Egg Plant

The earliest large fruited variety. The fruits set freely and develop quickly so the entire crop can be harvested before frost. They are large, thick and of a rich lustrous purplish black. The calyx is entirely free from spines or thorns. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; oz., 75c;  $\frac{1}{4}$  lb., \$2.00.

## LETTUCE

### New York Special Select

This variety should more appropriately be called the Los Angeles lettuce, because in Northern and Eastern cities wherever it appears on the vegetable stands it is called the Los Angeles Lettuce and command a more ready sale and higher price than any other variety, because of its crispness and excellent flavor.

In this locality it should be planted only during the Winter months from September 1st to February 1st.

Price—Pkt., 10c; oz., 50c; lb., \$5.00.

## PAPAGO SWEET CORN

We believe this to be one of the best sweet corns for the Southwest. It originated among the Indians in Arizona. It produces a long slender ear of the finest flavor and many on a stalk.

Pkg., 5c; lb., 35c; 10 lbs. for \$3.00.

## HONEY DEW

### The Melon with an appropriate name

This famous new melon is a cross between a Cantaloupe and a Casaba. The average size is about as large as a cocoanut, but the smaller sized melons are not inferior in flavor. Every melon is a good one. Flesh is light green and sweet as honey. The rind is light green or silvery-gray in color, smooth as an egg and hard as the rind of a winter squash. It is therefore a good shipper, and unlike the casaba, it is good right off the vine, and will keep good for months. This is in its favor for shipping.

Price—Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

## CASABAS

### Cultivate the same as muskmelons.

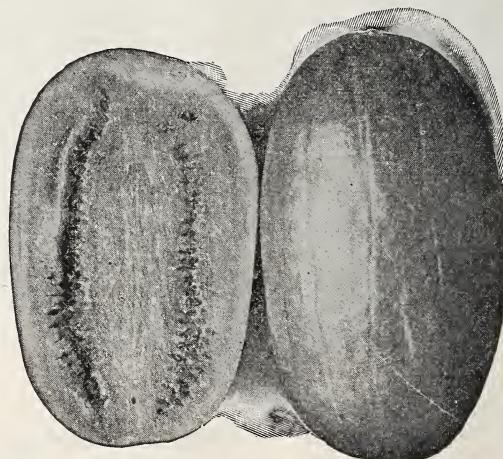
Casabas may be taken from the vine as soon as they lose the green luster, but should not be eaten until the hard rind of the Pineapple and Golden Beauty will give slightly under pressure, but the Hybrid is not at its best until the thumb can make an impression as in a mellow apple.

The best way to keep the casaba late into the fall is to gather them together on the hill and cover them completely with the vines, but do not pick them off the vine.

Improved Hybrid Casaba, pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

Winter Pineapple Casaba, pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

Golden Beauty Casaba, pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.



## KLONDYKE WATERMELON

A very early medium size melon of fine flavor and quality. Matures in almost any climate, and a heavy yielder. Has given excellent results in the Southwest where it has been tried.

Price—Pkt., 10c; oz., 25c; lb., \$3.00

## DENIA ONION

The Rio Grande and Mesilla Valleys are in a fair way to become famous as producers of mammoth onions, and there is no variety planted in the valleys that will yield as much per acre as the Denia. On account of its large size the Denia does not mature so quickly as some other varieties, but is as early as the Danvers Yellow or Red Weatherfield and more than double the size of either. Bulbs weighing two and three pounds are not uncommon. Our seed is the very best imported stock and should not be confounded with some so called "Denia Seed" grown in California. Price—Pkt. 10c; oz. 50c; 1-4 lb. \$1.50;  $\frac{1}{2}$  lb. \$2.75; lb. \$5.00.

# HIGH GRADE VEGETABLE SEED

## ARTICHOKES

(Alcachofa)

The Globe Artichoke is grown for the unripe flower heads which are prepared and eaten like Asparagus, and are highly esteemed by epicures.



Green Globe Artichoke

Large Green Globe—Best for general use.  
Pkt. 10c; oz. 50c; 1-4 lb. \$1.75; lb. \$6.00.

four to six feet apart. After the plants are well started, cultivate frequently and thoroughly. Early each Spring spade in a top dressing of manure and a mixture of one quart of salt with two quarts of fresh wood ashes to each square rod of bed. Repeat this top dressing after the last cutting of shoots is made. A bed fifteen by fifty feet, requiring about one hundred plants, should, after the second season, give an abundant supply for the ordinary family and be good for eight or ten years. A light rich soil is best for Artichokes.

One ounce will sow 50 feet of drill and produce about 300 plants.

### Early Argenteuil.

The earliest big Asparagus. Best for gardeners. Stalks weighing 3 to 4 ounces. The Head is green and slightly pointed and the scales are very closely set. Being a vigorous grower, it is not troubled very much with rust.

Seed—Pkt. 10c; oz. 25c; 1-4 lb. 50c; lb. \$1.75.

### Conover's Colossal.

The Standard variety; of large size, tender and of excellent quality. Shoots bright green, sometimes tinged with purple at the top, crown very close.

Seed—Pkt. 10c; oz. 20c; 1-4 lb. 40c; lb. \$1.25.

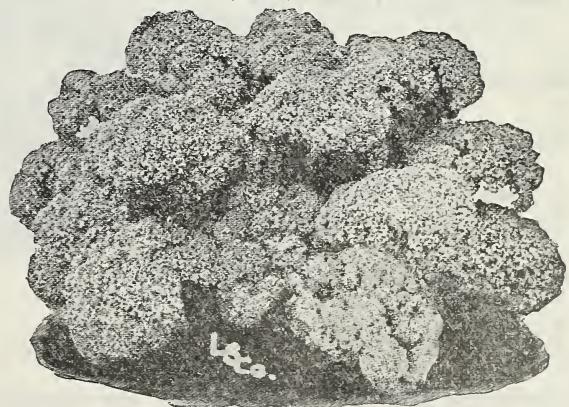
### ASPARAGUS ROOTS (Plantas o Raíces de Espárragos)

Much time and labor can be saved by planting good two year old roots. We have strong two year old roots of the above varieties for delivery in March and April, at

50c per doz., \$2.00 per 100, by express not prepaid. Parcels post rate made known on application. Write for prices in larger quantities.

## BORECOLE OR KALE

(Berza, col.)



Kale or Borecole

CULTURE—Same as for Cabbage.

### Dwarf Green

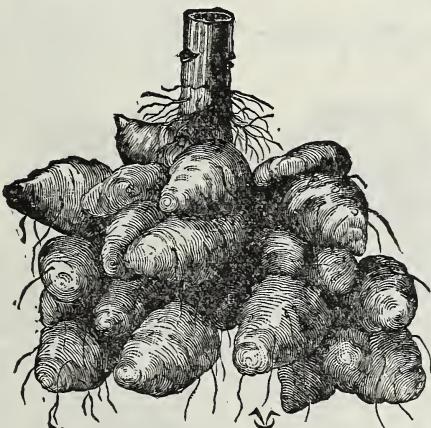
Hardier than Cabbage. Leaves are curly bright green. Very tender, and delicate in flavor. Immense quantities are grown in the South and shipped to Northern markets.

Pkt. 10c; oz. 20c; 1-4-lb., 50c; lb. \$1.50.

## ASPARAGUS

(Esparrago)

a light rich soil. Plant in March or April like potatoes, 200 pounds to the acre, as early as the ground will permit. On account of the tubers decaying so early, we recommend shipping by parcels post or express. Orders are filled only during the planting season. Pound 20c; 10 lbs. \$1.00; 100 lbs \$7.50. Write for prices on large quantities.



Jerusalem Artichoke

One of the earliest and most delicious of Spring vegetables. We strongly urge all those having enough available space to put in a bed for their own use.

**Culture**—Sow the seed in March or April in good rich mellow soil, in drills one foot apart, then cover 1-2 to 3-4 inch deep. Soaking the seed overnight in warm water will hasten germination. Thin out the young plants to 6 inches apart in the rows. The following spring, prepare the permanent beds by spading the soil to the depth of one foot or more, mixing in plenty of well rotted manure or other fertilizer. Set the plants about four inches deep and one to two feet apart in rows.

# BEANS

(Frijoles)

## Dwarf or Bush

### Green Podded Varieties

**Culture** Beans do not thrive when the days or nights are cold. They do best on a good sandy loam, but will thrive on any well drained soil of ordinary richness. In this latitude they can be planted in succession every two weeks up to the middle of August. After all danger of freezing is past, plant 1½ inches deep two or three inches apart in rows two to three feet apart. Give shallow cultivation up to the time of blossoming. Do not cultivate or disturb while the plants are wet with dew or rain as this induces rust. One pound will plant 150 to 200 feet of drill, 60 to 90 pounds to the acre.



Burpee's Stringless Green Pod Bean.

#### Burpee's Stringless Green

**Pod** The earliest green podded bean. Develops pods suitable for use in 42 days, absolutely stringless. Everyone who wants a fine flavored, tender snap bean, for home use, should plant this variety. Market gardeners will find it profitable to grow this bean. The seed is medium in size, and a glossy yellowish brown color.

#### Giant Stringless Green Pod

Prolific bearer, pods 5 to 6 inches long; absolutely stringless, crisp, fleshy.

#### Round Pod Valentine

Ten days earlier than the original Valentine.

**Bountiful** A very heavy cropper. Stringless, of good quality.

#### Giant Stringless Valentine

Usually stringless. Pods one-third larger than old Valentine.

**Early Refugees** Vigorous. Matures in 45 days.

**Black Valentine** Suitable for both early and late planting.

**Early Yellow Six Weeks** Pods green, long, flat, straight, very productive.

**Improved Red Valentine** Robust and vigorous. Matures in 46 days.

Prices All Green Podded Beans—Pkt., 10c; ½ lb., 20c; lb., 30c; 10 lbs., \$2.50.

Add regular parcel post rate when ordering beans sent by parcel post.

### Yellow Podded Varieties

**Improved Golden Wax** The pods are large, long, half round, brittle and entirely stringless, and of a beautiful rich golden wax color. As a snap bean it excels every other variety in tenderness and rich buttery flavor, while as a shell bean for winter use it has few or no superiors. It is very prolific, of dwarf, compact growth. Seeds white, mottled brown and purple.

**Wardwell's Kidney Wax** Earlier than Golden Wax. Very attractive color.

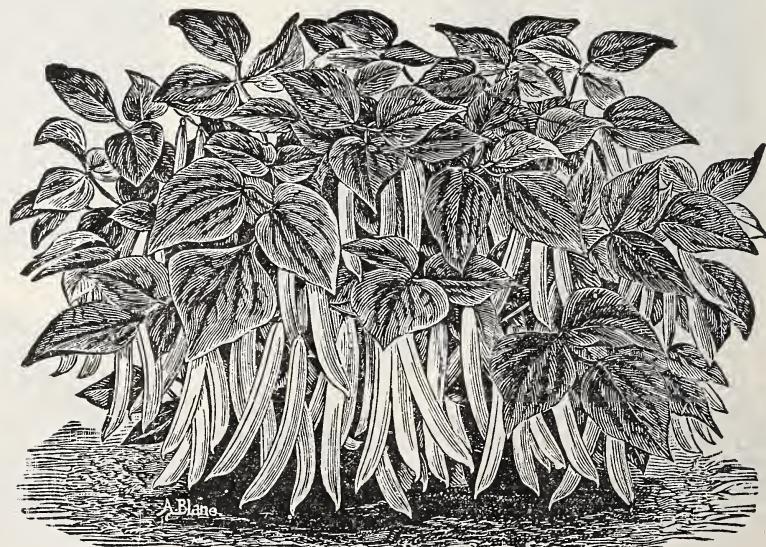
**Davis' White Wax** Handsome, straight and waxy white, almost stringless.

**Red Kidney Wax** Remarkable Wax Bean, almost blight proof.

**Black Wax** Very prolific, Waxy, tender yellow pods.

**Webber Wax** Vines strong, holding pods well up; sells readily on market.

Prices Wax Beans—Pkt., 10c; ½ lb., 20c; lb., 30c; 10 lbs., \$2.50.



Wardwell's Kidney Wax Beans

You will find our stock of Field Beans, such as PINTO, TEPARY and CALIFORNIA PINKS very Select. Be sure and get Samples and Prices before Buying elsewhere.

# POLE BEANS

(Frijoles)

Add regular Parcel Post Rate When Ordering Beans Sent Via Mail

**CULTURE**—Pole Beans should be planted several weeks later than the Bush sorts, after all danger of frost is over. Plant in rows so that there will be one plant to eight or ten inches. At the ends of the rows set posts five feet high. Stretch a number 10 or 12 wire between the posts, support the wire by stakes of 2x2 material every sixteen feet, fastening the wire to the tops of the stakes by staples. At each plant drive a small stake, to which attach a piece of twine, and tie the other end to the top wire for the plants to climb on. Or, set poles five to eight feet long in rows four or five feet apart, then around each pole plant five to eight beans. When well started, thin to four plants and see that they climb around the pole the same way. Or they may be planted around hills of corn when the corn is 2 feet high.

**Kentucky Wonder** Or Old Homestead. We believe this variety is the most useful of the green podded pole beans suitable for use as snaps. Vines vigorous, climbing well, and very productive, bearing its pods in large clusters; blossoms white, pods green, very long, often reaching 9 to 10 inches. Nearly round when young and very crisp, although as they reach maturity they become irregular and spongy. Dry Beans are long, oval, slightly flattened, dun colored.

Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 35c; 10 lbs., \$3.25.

**Lazy Wife** Pods broad, thick, fleshy and stringless. Rich butter flavor.  
Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 35c; 10 lbs., \$3.25.

**Dutch Case Knife** Broad kidney shaped and white in color, excellent corn hill bean.  
Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 35c; 10 lbs., \$3.25.

**White Creas Back** Very early pods, 5 to 6 inches long. Grow in clusters of 4 to 12.  
Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 35c; 10 lbs., \$3.25.

**Cut Short or Corn Hill** A very old and worthy variety used for planting among corn.  
Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 35c; 10 lbs., \$3.25.

## BUSH LIMA BEANS

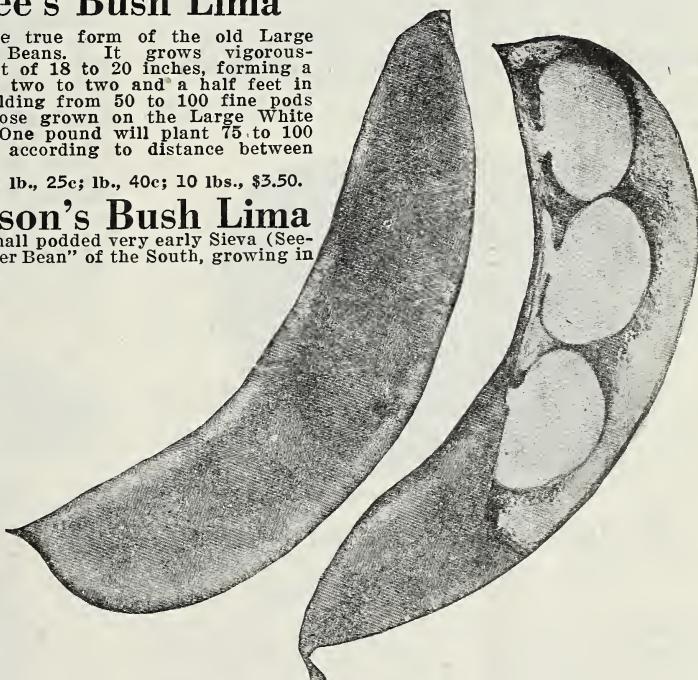
### Burpee's Bush Lima

This is the true form of the old Large Lima Pole Beans. It grows vigorously to a height of 18 to 20 inches, forming a circular bush two to two and a half feet in diameter, yielding from 50 to 100 fine pods similar to those grown on the Large White Pole Lima. One pound will plant 75 to 100 feet of row, according to distance between plants.

Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 40c; 10 lbs., \$3.50.

### Henderson's Bush Lima

This is the small podded very early Sieva (See-wee) or "Butter Bean" of the South, growing in compact, bush form, from 15 to 18 in. high. Produces enormous crops of delicious Lima Beans, at least two weeks earlier than any of the climbing Limas. The seed is about one-third the size of the large Lima, which makes it go 3 times as far in planting.  
Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 40c; 10 lbs., \$3.25.

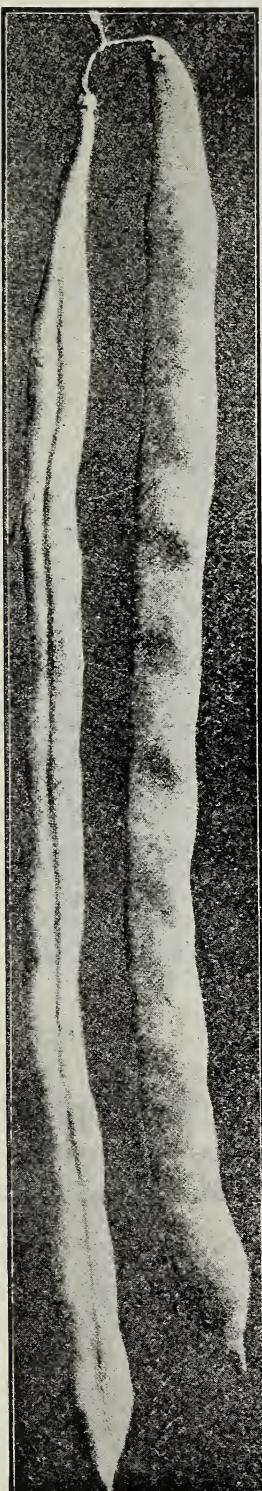


Burpee's Bush Lima Beans

## POLE LIMA

**King of the Garden Lima** Pods large, and well filled with beans of mammoth size. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 40c; 10 lbs., \$3.50.

**Large White Lima** Pods and beans are of large size, excellent flavor. Very productive. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 40c; 10 lbs., \$3.50.



Kentucky Wonder Bean

# BEETS

(Beta bet)

**Culture**—Beets require a deep, rich, mellow soil, and may be sown from early Spring to commencement of Summer. Sow about one inch deep, in drills 12 to 18 inches apart. When the plants are well established thin out to six inches apart in the row. If wanted very early, sow such sorts as the Early Egyptian or Detroit Dark Red in hot beds in February, and transplant, cutting off the outer leaves, or sow the seed in September in the open ground, allowing the plants to remain in the ground all winter. As soon as favorable weather arrives the bulbs develop rapidly to marketable size. This system is practiced by El Paso gardeners. One ounce of seed to 100 feet of drill, 6 to 8 pounds to an acre.

**Crosby's Early Egyptian** This is considered by many El Paso gardeners to be the best extra early variety grown. Is more globe-shaped than the Egyptian, good size, small tops, very small tap root, fine quality, and of very quick growth. Takes on its turnip shape very early, a decided advantage for forcing for early market, and especially for a market where Beets are sold in bunches. Color is a bright vermillion.

**Early Egyptian** Roots very hard, red, flat. About 2 inches in diameter.

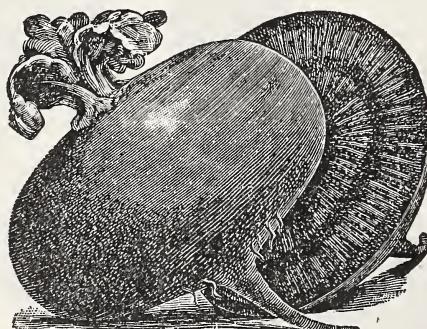
**Early Eclipse** Bright deep red; root small, tap small, collar sweet, crisp and tender.

**Early Blood Turnip** The old standard turnip beet. Good for summer and autumn.

**Swiss Chard, or Silver Beet** A distinct vegetable and much superior to the common beet for greens. If sown at the same time, it will be fit to use before them. Later the plants form broad, flat, beautifully white and wax-like stems to the leaves, which are very delicious cooked as beets and asparagus tips or pickled. Very fine for poultry greens; much more desirable than alfalfa, because it can be grown with less care. Try it for your hens. Known also as Sea Kale or "Spinach Beet."

**Detroit Dark Red** Never becomes woody; retains its excellent quality longer than any others.

Price—All Table Beets, Pkt., 10c; oz., 20c;  $\frac{1}{4}$ -lb., 40c; lb., \$1.25.

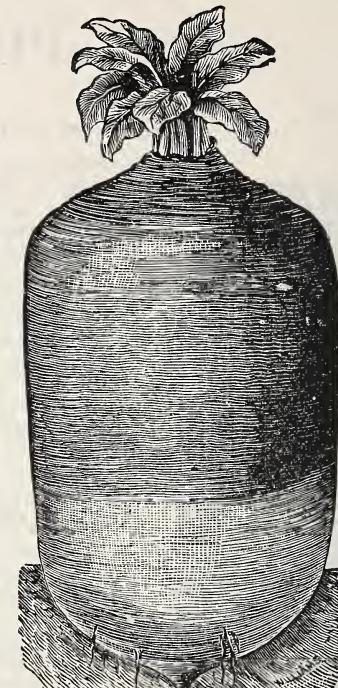


Crosby's Egyptian Beet

## Mangel Wurzel and Sugar for Stock Feeding

**Culture**—Both Mangels and Sugar Beets require deep, well enriched soil. Sow any time from November to May in rows 18 inches to 2 feet apart and 3 to 8 inches in the rows. When the plants are 4 to 5 inches high thin to 8 or 12 inches apart. As soon as the first frost comes, dig up the mature roots, cut the tops off and pile them 5 or 6 deep in a well drained situation and covering at first with straw or hay and one inch of earth. As it gets colder, increase to 3 or 4 inches; by so doing all danger of heating is obviated and the roots keep till warm weather sets in. Six to eight pounds of seed are required for an acre.

**Mammoth Long Red** This is a particularly fine Mangel, growing from one-half to two-thirds above the ground; enormously productive, a single root often weighing from 20 to 30 pounds.



GOLDEN TANKARD STOCK BEET

**Golden Tankard** We consider this the most satisfactory factory variety to plant for stock. Early, hardy and an enormous cropper. Color yellow; tops and neck very small; easily pulled. Especially relished by sheep and cows.

**Vilmorin's Improved Sugar** One of the richest in sugar content, from 12 to 20%, and from which much sugar has been made. It will do better on new land than any other, suffers less from an excess of nitrogen and will keep the best. Tops of medium size, with smooth, bright green leaves. Roots of medium size, white, often yielding from ten to sixteen tons per acre.

## Giant Feeding Sugar Beet or Half Sugar

**Mangel Wurzel** This new Sugar Beet gives nearly as large a yield of easily grown and harvested roots as a crop of mangels, besides being much more succulent than the ordinary Sugar Beet. It grows well above the ground and is easily pulled. Under same cultivation will yield twice more than regular Sugar Beets.

Price—All Stock and Sugar Beets, Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 85c; 10 lbs., \$7.50.



## Brussels Sprouts

(Berza de Bruselas.)

**Culture** Same as for late cabbage except that the leaves should be broken down in the fall to give the little heads more room to grow. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1; lb., \$3.

## CORN SALAD

Canonigos.

A small, quick growing salad plant for late fall, winter and spring use. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.25.

# CABBAGE

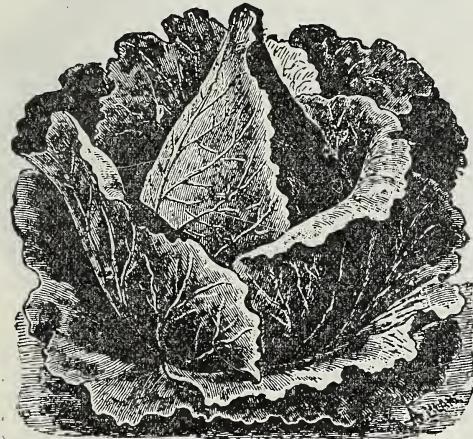
Col Repollo

**Culture**—For the earliest cabbages, seed may be sown in September, and the plants wintered in cold frames, or seed started in hot beds in February or March, covering the seed  $\frac{1}{4}$  to  $\frac{1}{2}$  inch deep. When big enough, transplant to cold frames or another bed. As soon as the ground is in good condition, transplant outside, in rows 2 feet apart and 15 to 18 inches in the row. Hoe every week until heads begin to form. The soil should be mellow, rich, and well drained. For late crop the seed should be sown early in July and transplanted during the latter part of August in rows 3 feet one way by 2 feet the other, so as to be able to work with horse and cultivator.

One ounce will produce about 2000 plants. About 16,000 early or 8,000 late cabbages plant one acre.

Market Gardeners will do well to correspond with us relating Cabbage Seed—nothing but the best seed. Prices right.

**Early Jersey Wakefield** The surest heading of the extra early varieties. Most gardeners depend upon it for the bulk of their extra early crop. The outer leaves are unusually thick and heavy, which enables it to stand more cold weather without injury when carried through the winter either in the open ground in the South, or in cold frames in the North. Stem short. Heads of medium size, very solid, uniform. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.



Early Jersey Wakefield Cabbage

**The Glory Cabbage** This cabbage was recently introduced from Holland. It combines earliness with good size, qualities, which are both very desirable for market purposes. This is easily one of the best sellers on the market. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

**Copenhagen Market** Without doubt the finest, largest round-headed early cabbage in cultivation. It matures as early as the Wakefield and yield is much heavier. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., 5.00.

**Early Winningstadt** A well known and very popular early variety; in season very close to the Jersey Wakefield. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**Early Drumhead** One of the very best second early sorts, especially for the home garden. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$2.50.

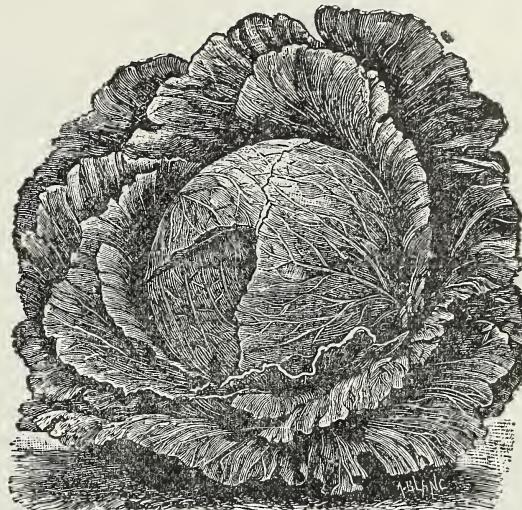
**Early Dwarf Flat Dutch** has succeeded admirably as a second early sort on account of its ability to resist heat; it is recommended very highly as an early and midsummer cabbage. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**Danish Ballhead or Hollander, Long Stem** Grown for more than fifty years by the gardeners of Denmark almost exclusively for winter use. Bears shipping well and keeps far into the spring. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

**Large Late Drumhead** This is a very large fall and winter variety. Stem of medium length; heads of excellent quality. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**Premium Late Flat Dutch** It is a fall and winter variety, and one of the very best to keep. With a good cultivation, 95 in 100 will head up hard. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 15c; lb., \$2.50.

**Mammoth Red Rock** The largest and surest heading of the Red Cabbage. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.



Late Flat Dutch Cabbage

## CELERY

Apio

Seed should be sown in February in a hotbed or in flat boxes, filled with clean, mellow loam. Sow broadcast or in rows and cover with about one-eighth inch of fine soil or sand, pressing it down firmly. Keep the soil moist constantly. When plants are fairly out of seed leaf, transplant into another bed or boxes, or thin out to 2 or 3 inches apart. Plant into the open ground by last of March or first of April. One ounce will sow 300 feet of drill.

**Golden Self-Blanching** (Imported Seed) The plant is of a beautiful appearance, of close habit and compact growth, and straight, vigorous stalks. The ribs are perfectly solid, crisp, brittle and of delicate flavor, surpassed by no other variety, while it has the decided merit of being self-blanching. It is the strain for market gardeners, also for family use. Pkt., 15c; oz., \$1.25;  $\frac{1}{4}$  lb., \$5.00; lb., \$16.00.

**White Plume** This celery is valued because, naturally, the stalks and portions of the inner leaves and heart are white. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

**Giant Pascal** This is a green leaved variety. It blanches very quickly after earthing up, when it is of a beautiful yellow-white color, very solid and crisp, and of a nutty flavor, which is not equalled by any sort. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

## CHICORY

Achicoria

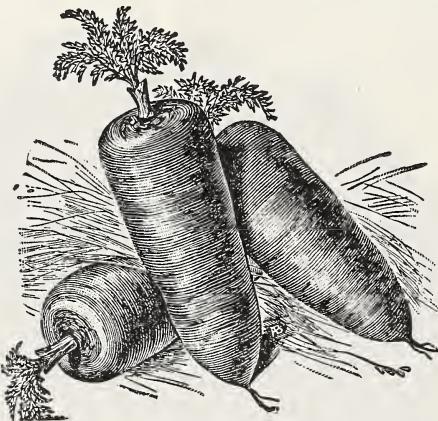
**Witloof, Large Leaved** An easy growing, crisp winter salad. The roots are grown outdoors and then transplanted in earth in a dark, cool place in the fall. They grow throughout the winter. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

## CARROTS

### Zanahoria

**Culture**—The carrot, like other root crops, delights in a rich sandy loam, deeply tilled. For early crops, sow in spring as soon as the ground is in good working order; for late crops they may be sown any time until the middle of September. Sow in rows about 15 inches apart, thinning out to 3 inches between the plants. Do not cover more than 1-2 inch deep. One ounce to 150 feet of drill; 3 pounds to an acre.

**Danvers Half Long** The favorite market variety, and the best of all for the stock breeder. Has a tapering root of medium size, six to eight inches in length, slightly blunt at the bottom end, Price—Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.



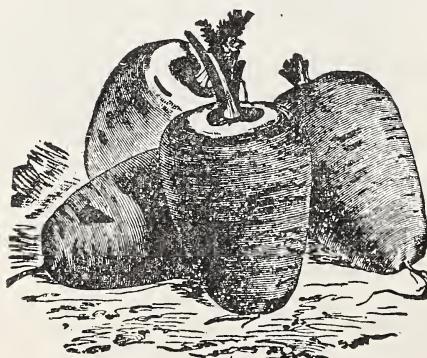
Danvers' Carrot

**Chantenay** One of the most perfect and uniform in shape; 5 to 6 inches long. Pkt., 10c; oz., 20c; lb., \$1.50.

**Early Scarlet Horn** Extra early, tops small, 3 inches long. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Long Orange** The old standard for table use for winter. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Oxheart or Guerande** It is an intermediate between the Half Long and Horn varieties, attaining a diameter of three or four inches at the neck, and of most beautiful shape and rich orange color. It is of extra fine quality and very productive. Price—Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.



Oxheart Carrot

## STOCK CARROTS

**Mastodon** A truly large variety of carrot, can also be used for table. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

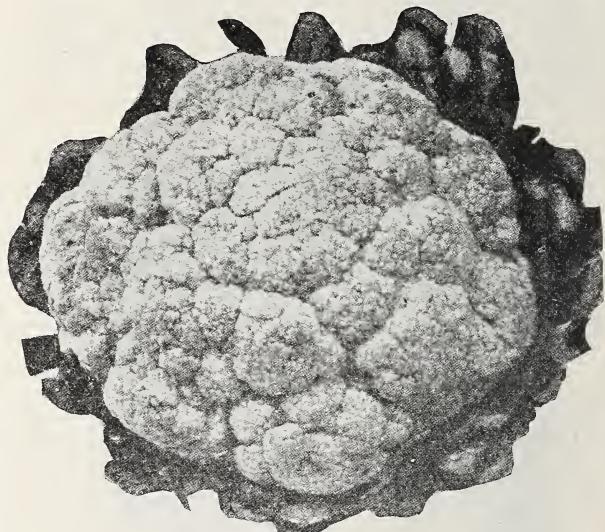
**Mammoth White Belgian** Splendid for fattening stock. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

## CAULIFLOWER

### Coliflores

**Culture** The same as for cabbage, except that extra manure and plenty of water will pay with cauliflower. If the soil be dry, water frequently, and if the plants could have a heavy mulch of hay or straw it would keep the soil moist, and the plants would not suffer from a drought. The early kinds should be strong enough to plant out not later than May 1st; the late kinds may be planted out same time as cabbage. One ounce produces 1,500 plants; 15,000 plants will cover an acre.

**Early Danish Snowball** This variety, by innumerable trials, has established the claims made for it. The plants are very dwarf. The outer leaves are erect. The inner ones lap over the head so as to completely shade from the sun. It is a valuable market variety for early and late. Pkt. 15c; 1-4 oz. 75c; oz. \$2.25; 1-4 lb. \$8.00.



Early Danish Snowball Cauliflower.

**Early Dwarf Erfurt** Remarkable for its extreme reliability in heading. Pkt., 15c;  $\frac{1}{4}$  oz., 60c; oz., \$2.25;  $\frac{1}{4}$  lb., \$8.

**Early Paris** Popular in French markets. Not recommended for market gardeners. Pkt., 10c;  $\frac{1}{4}$  oz., 25c; oz., 80c;  $\frac{1}{4}$  lb., \$2.50.

## COLLARDS

**CULTURE**—Same as for cabbage.

**Georgia Southern or Creole** Succeeds in locations where cabbage cannot be grown to perfection. Forms a large, loose open head or a mass of leaves on a stem two to three feet high. Freezing improves the quality. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

## CHIVES

### Cebolletto

**Chives or Evergreen** Excellent for giving onion flavor to soups and salads. Pkt., 10c;  $\frac{1}{4}$  oz., 25c;  $\frac{1}{2}$  oz., 50c; oz., 90c.

## CORN

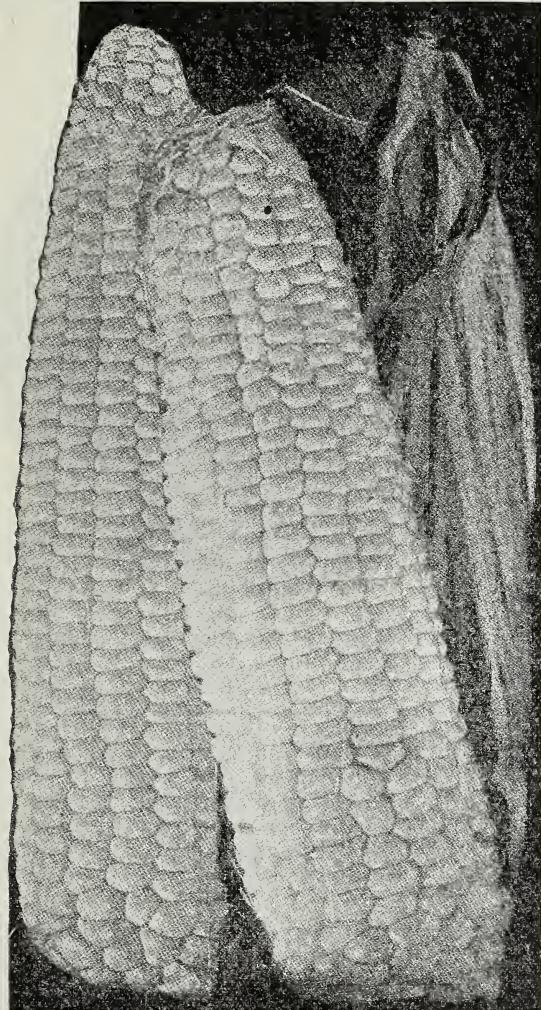
Maiz.

Sweet or Table Varieties

**Culture**—The smaller varieties may be planted in rows 4 feet apart and 8 inches in the row, or 3 feet each way if in hills. The larger kinds should not be planted closer than four feet in hills and one foot between the stalks. Plant seed when soil becomes warm and danger of frost is over. Cover one inch deep and press soil firmly over the seed. One pound to 300 hills. Ten pounds to the acre.

Add Parcels Post rate on one pound and up when corn is to be sent by mail.

**Extra Early Adams** This is not a sweet corn, but is placed here on account of its merit as a table corn. It is very early and is used extensively in the south; maturing for table use in 60 days after germinating. Stalks four to five feet high; ears short, very full, 12 to 14 rowed; kernels white, smooth; very hardy and can be planted earlier and closer together than other varieties. Pkt., 10c;  $\frac{1}{2}$  lb., 15c; lb., 25c; 10 lbs., \$2.00.



Stowell's Evergreen Sweet Corn

**Stowell's Evergreen** It is very productive. The ears are of large size, grains, deep, exceptionally tender and sugary, and remains for a long time in an edible condition. Often planted as a forage or fodder crop. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 35c; 10 lbs., \$3.00.

## CRESS

Berro de Fuente

**True Water Cress** It has small oval leaves and is one of the most delicious of small salads. Very hardy and in great demand during the winter and spring. A fair growth can be had in soil that is kept wet. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25.

**Country Gentleman Corn** The irregular "shoepeg" arrangement of the grains affords a measure of protection against worms which are so destructive to straight rowed Sweet Corn in this Southwestern country. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 35c; 10 lbs., \$3.00.

## Golden Bantam

This new Sweet Corn is pronounced by thousands of planters as the tenderest, sweetest and finest extra early Sweet Corn in existence. Its attractive yellow color makes it an easy seller on the market. The stalks are vigorous and strong, grow about 4 feet high and produce 3 to 4 fine eight-rowed ears from 6 to 8 inches long. On account of its firm texture it can be planted earlier than any other variety of Sweet Corn and is less apt to be bothered by insects on account of its heavy husk. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 35c; 10 lbs., \$3.

## CUCUMBERS

Cohombro—Pepino.

**Culture**—As soon as the weather becomes settled and warm sow 8 to 10 seeds in hills 4 to 6 feet apart each way and cover 1-2 inch deep, and pat down with the hoe. Hoe often, and when out of danger of insects thin to four of the strongest plants in each hill. June and July is the time to sow for pickling. One ounce will plant 50 hills, 2 pounds to the acre.

**Early White Spine** Vines vigorous, fruiting early and abundantly. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Arlington White Spine** The mature fruits are about six and one-half inches to seven inches long. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Improved Long Green** Unquestionably the most popular general purpose Cucumber in the Southwest. The matured fruit is 9 to 12 inches long, very solid and crisp. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Chicago Picking** A prolific sort with fruits of medium size, pointed at each end, dark green. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Davis Perfect** A most satisfactory slicing cucumber. It measures 10 to 12 inches long, is very symmetrical and has very few seeds. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Boston Pickling** Medium size, bright green, very smooth and symmetrical. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Japanese Climbing** Different from others in that it quickly climbs on poles or trellises. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

## EGG PLANT

**New York Improved Purple** An entirely spineless strain of the large purple fruited, well-known standard. Pkt., 10c; oz., 75c;  $\frac{1}{4}$  lb., \$2; lb., \$7.

**Florida High Bush** Strong upright bushes which are very hardy and productive. Pkt., 10c; oz., 75c;  $\frac{1}{4}$  lb., \$2.50; lb., \$7.50.

## ENDIVE

Endibia, Escarola.

**Culture**—The same as Lettuce. To bleach the green varieties tie the outer leaves together over the center for a week or ten days.

## Green Curled

Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 15c; lb., \$2.00.

## KOHL-RABI

Col Rabano Nabicol.

**Culture**—Sow in the spring in rows 18 inches apart; afterwards thin to 8 or 10 inches in the row and cultivate similar to cabbage. For fall use, plantings may be made in July or August. One ounce produces 2000 plants.

**Early Purple Vienna** Very early, with small top, the leaf stems being tinged with purple. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.

## LETTUCE

(Lechuga)

**Culture**—The early sowing may be made under glass, in January or February, keeping the plants thin and admitting plenty of air every fine day. Some of the harder heading varieties are sown in September and October, the winter weather not affecting them seriously. Cover the seed about  $\frac{1}{4}$  inch deep.

**Hanson** One of the best for outdoor summer planting, owing to its wonderful heat resisting qualities. It forms large firm heads, weighing sometimes 2 to 3 pounds, which are deliciously sweet, crisp and tender. In table quality it is perfection itself. Pkt., 10c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**May King** This new Head Lettuce is the earliest of all outdoor varieties. It forms a compact, solid head measuring 6 to 8 inches in diameter. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.



May King Lettuce.

**Early Prizehead** It forms a large loose, head and remains tender and crisp throughout the season; is prompt to head, but slow to seed. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Early Curled Simpson** Forms a close compact mass of curly yellowish green leaves. One of the best early sorts. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**All Season** This new Lettuce will become the standard summer variety where a solid, nicely blanched "butterhead" lettuce is desired. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Big Boston** The leaves are broad, smooth, light green and of superior quality. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Black Seeded Simpson** The leaves of this variety are very large and form a compact mass rather than a distinct head. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Grand Rapids** The plant is upright and forms a loose head or cluster of large, yellowish green leaves. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

## MARBLEHEAD LETTUCE

This is an improved strain of the well known Iceberg. The heads are more solid and for all the year 'round there is no better lettuce. It is crisp and has a delicious, nutty flavor.

We are safe to guarantee that from October until May, with proper care, fully ninety per cent of them will make perfect heads. Price—Pkt., 10c; oz., 20c; lb., \$1.75.

## LEEK

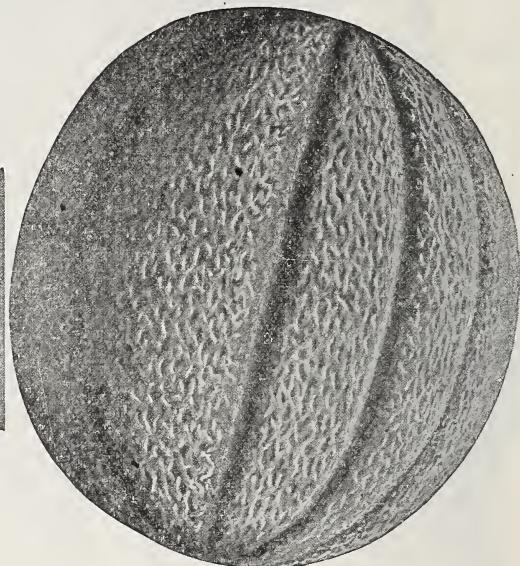
**Culture** A hardy species of onion, sown in drills or broadcast. When six inches high transplant into rows a foot apart, setting the plants 4 or 5 inches deep and about 6 inches apart in the row. One oz. to 2000 plants or 100 feet of drill.

Large London or Scotch Flag. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.00.

## MUSKMELON-Cantaloupe

Melon Almizcleno

**Culture**—When there is no more danger of frost, drop 8 to 10 seeds in hills, 6 feet apart each way, covering about  $\frac{1}{4}$  of an inch deep. As soon as plants have commenced to run, thin out to three best plants in a hill and cultivate till the vines cover the whole ground. If slow to fruit, pinch off the ends of the growing shoots. Ashes or air-slacked lime, finely pulverized and sifted on the young plants while the dew is on, is good to keep the insects out. One ounce will plant about 85 hills, and one pound of seed to an acre.



Burrell Gem Muskmelon

**Rocky Ford** Oval in shape, averaging  $4\frac{1}{2}$  to 5 inches in length and 4 inches in diameter, of a luscious flavor, very fine and smooth grained flesh of a light green color with a slight tinge of yellow around the seed cavity, when ripe. The name Rocky Ford has become a synonym for excellence in cantaloupes. We offer only reliable seed grown for us by responsible parties at Rocky Ford, Colo., and its purity and vitality is of the highest degree. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

**Extra Early Hackensack** This is a selection of the old Hackensack, ripening fully ten days earlier. Melons of good size, heavily ribbed and netted, thick light green flesh of fine flavor. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

**Banana** This variety gets its name on account of the long fruits having a banana-like aroma. The fruits are from 15 to 20 inches long, and from 4 to 6 inches in diameter. Skin creamy white and entirely free from netting. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$2.00.

**Osage** The great popularity which this melon has attained is due mainly to its peculiar luscious spicy flavor, and its perfect shipping qualities. The skin is very thin, of a dark green color, and slightly netted. The flesh is of a salmon color, remarkably sweet, extremely thick and delicious to the rind. It is also very productive. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

# WATERMELON

Sandia

**Culture**—This is the same as for Muskmelon, except that they should be planted from 8 to 10 feet apart. One ounce for 40 hills; 2 to 3 pounds to an acre.

**Kleckley's Sweet** This melon is dark green, the flesh is scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. Seeds white, lying close to the rind, leaving a large, solid heart, which does not crack open when ripe. The scarlet flesh is sweet and sugary, and of such texture that it leaves no string of pulp whatever in eating. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

**Florida Favorite** A splendid melon of very large size. Flesh very bright, deep red, very sweet and tender. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

**Red Seeded Citron** For preserving. Grows uniformly round and smooth. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Alabama Sweet** Melons are large, oblong and have a firm dark green, slightly striped rind. Flesh is bright red and delicious flavor. Seeds white. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

**Rocky Ford** The scarlet flesh is sweet and sugary and of such texture that it leaves no strings of pulp whatever in eating. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.



Kleckley's Sweet Watermelon

**Halbert Honey** This melon fully equals the Kleckley Sweets in superb luscious flavor, but is more regular in outline, with a darker, richer colored skin. Fruits average 18 to 20 inches long, bluntly rounded at both ends. Skin is a dark glossy green. The flesh is a beautiful crimson and extends close to the thin rind. Seed white. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

**Tom Watson** This melon was introduced in Georgia five years ago and today is considered one of the best melons that have been grown in that section. It is of the long green variety, with small white veins running over the rind. The rind is thin, but very tough—making a good shipper.

The deep flesh is of excellent flavor; the heart is large but without core. The melons measure from 18 to 24 inches long by 10 to 12 inches in diameter and weigh from 50 to 60 pounds. Our seed is selected seed bought direct from the grower and must not be compared with the ordinary seed offered. Price—Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**Georgia Rattlesnake, or Gypsy** One of the largest, oldest and most popular sorts, especially in the South. Fruit very long, of light green color, distinctly striped and blotched with a darker shade. Flesh bright scarlet, very sweet and tender. Vines large and vigorous. Seed nearly white. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

**Eureka** If you are looking for size and quality, we cannot recommend the "Eureka" too strongly. Order your seed early. The supply of this particular lot is limited and it will be impossible to procure more this season. Liberal Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; lb., \$1.75; 5-lbs., \$7.50.

## MUSTARD

Mostaza.

**Culture**—Sow as early in the spring as the ground will permit, in drills about 18 inches apart, covering 1-2 inch deep. For succession, sow every few weeks. Water freely. The green leaves are used as a salad or boiled like spinach.

**Southern Giant Curled** Leaves large, light green with tinge of yellow, much crimped and frilled at the edges. Vigorous growth, hardy and good quality. Seed small, reddish brown to nearly black. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 80c.

**Ostrich Plume** The leaves are long, ruffled and curled as gracefully as an ostrich plume. Is especially good as a salad, and as greens is equal to spinach. Seed small, nearly black. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 80c.

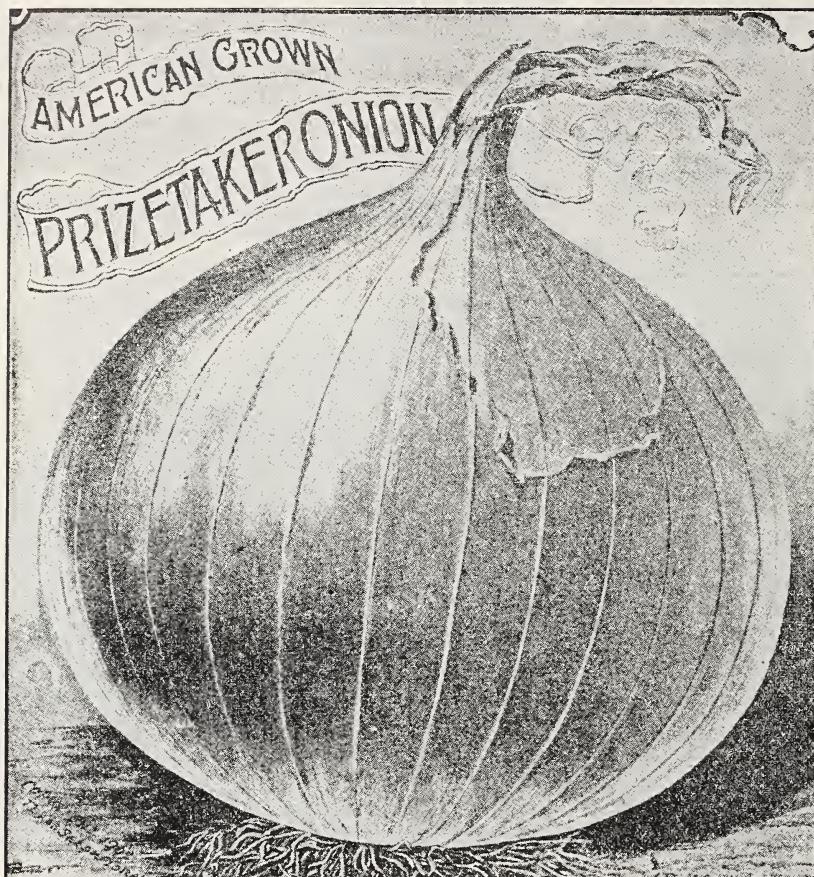
**Chinese** Leaves about twice the size of the ordinary kinds. Very popular in the south for salads. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 80c.

**White English**—Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 50c.  
**Brown or Black**—Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 50c.



# ONIONS

Cebolla.



Prizetaker Onion

**Crystal White Wax** The most attractive onion in the world. It is absolutely pure white, of the finest flavor and quality. These onions usually command from 25c to 50c more per bushel than any other variety of the Bermudas, and when all markets are glutted with onions the Crystal White Wax will sell at good prices. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

**White Bermuda** (Imported seed).—This valuable onion is especially adapted to the Southern states and is the most profitable of all varieties of onions for the grower. Ease of cultivation, large size, mildness of flavor, render it most valuable of all other types. The White Bermuda is a "sport" from the original Red Bermuda, and has not yet become firmly fixed in habit, therefore, the grower will often find "off color" onions among his crop. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

**Early White Queen** The bulbs are small, flat, beautifully white and of excellent flavor. Marvelous rapidity of growth. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

**Silver Skin or White Portugal** A large flat onion of mild, pleasant flavor, fine for family use and for early market. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

**Extra Early Barletta** Is fully 2 or 3 weeks earlier than the Early White Queen which heretofore has been the earliest onion in cultivation. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**Mammoth Silver King** We have imported seed of this truly mammoth variety direct from the originator in Italy. It is of attractive shape with silvery white skin, and flesh of a most agreeable mild flavor. It reaches a larger size than any of the flat white varieties, frequently measuring 20 inches in circumference and weighing 2 to 3 pounds. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

**Culture**—Onions thrive best in a rather deep, rich, loamy soil, and unlike most vegetables, succeed well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften and hold the moisture. As early in the spring as the ground is in working order, level the ground with a rake and tread it firmly or pass a heavy roller over it. Sow thinly in rows 14 or 15 inches apart, 4 or 5 lbs. to the acre, and one-half inch deep; cover with fine soil and press down with the back of a spade or run a light roller over it. When the young plants are strong enough, thin gradually so that they will stand 3 or 4 inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply or collect it about the growing bulb. When ripe, pull and dry thoroughly before storing. One ounce of seed to 150 feet of drill, 4 or 5 pounds to the acre.

**Prizetaker** The handsomest, largest Yellow Globe Onion. A good keeper, of finest flavor, handsome shape and enormous size. The Prizetaker grows always to a perfect globe-shape with a bright straw-colored skin. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**Australian Brown** The best keeper. It is of medium size, wonderfully hard and solid and most attractive for market, both as to form and appearance. Extremely early in ripening and has the reputation of keeping indefinitely. Color of the skin is a clear amber brown. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**Gigantic Gibraltar** The handsome large bulbs are nearly globular in shape. Thin skin of light straw color, flesh white, tender and mild. Similar in appearance to the Prizetaker, but will make larger bulbs when grown in the South. The leaves are deep green with a glossy surface and withstands dry weather and the attacks of insects better than any other onion grown. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

**Yellow Flat Danvers** Similar to Yellow Globe Danvers except in shape. Ripens quick, is a sure cropper and yields well. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**Southport Red Globe** It is medium early, grows to a large size, skin deep red. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**Large Red Wetherfield** The standard variety of red onions. Large, deep red, thick, nearly round, fine grained, pleasant flavored and productive. It ripens in September and keeps well. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00.

**Red Bermuda** (Imported seed)—The bulbs of this variety are similar in form and early ripening to the White Bermuda; very flat and of a light pink color. The flesh is white, slightly suffused with pink. Teneriffe grown seed. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00.

**Southport White Globe** Abundant yielder of medium sized finely shaped clear white bulbs. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

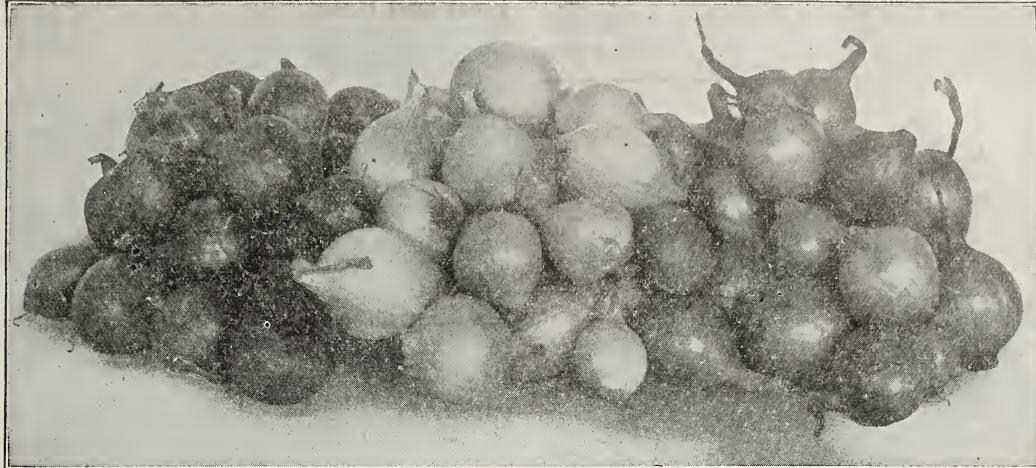
# ONION SETS

Cebollitas Para Plantar

Onion sets should be planted as early in the spring as convenient, to obtain early green onions, but they may be set at any time up to June 1st. Set in rows a foot apart and three of four inches between them in the row. Ready for table use in 3 or 4 weeks.

Prices given are subject to market fluctuations. Write for prices in large quantities. 32 pounds constitute a bushel. When wanted by mail add 10c per quart.

Red Bottoms, qt., 25c; Yellow Bottoms, qt., 25c; White Bottoms, qt., 30c. Write for prices on large quantity.



Onion Sets

## OKRA

Quimbombo.

**Culture**—Sow late in the spring, after the ground has become warm, in drills 3 feet apart, and when plants are 3 inches high, thin out from 10 to 12 inches. The soil should be well manured. Can also be started in a hot bed, and transplanted. The young green pods are used in soups, or stewed, and served like asparagus. May also be dried for winter use. One ounce will plant 80 hills.

**Dwarf Green** Grows low but stocky and is very productive. Early and has long pods. Pkt., 10c; oz., 20c; 1/4 lb., 30c; lb., \$1.00.

**Tall Green** Grows to a height of 5 feet, is ten days to two weeks later than the Dwarf Green. Pkt., 10c; oz., 20c; 1/4 lb., 30c; lb., \$1.00.

**White Velvet** Distinct in appearance as the pods are perfectly round and smooth, unlike other varieties whose pods are ridged. Plant is about three and a half feet high, very productive and early. Pods white, smooth, long, superior flavor and tender until nearly full size. Pkt., 10c; oz., 20c; 1/4 lb., 30c; lb., \$1.00.

## PARSNIP

Chirivía

For the spring and summer crops sow from January to March; for winter and spring sow from September to December. Sow in rows 3 feet apart, and when the plants are large enough thin them out to stand 4 to 6 inches apart in the row.

**Sugar or Hollow Crown** Roots long, smooth, white, tender and sugary. Has a depression. Pkt., 10c; oz., 20c; 1/4 lb., 75c; lb., \$2.00.

**Guernesey or Half Long** It is of a greater diameter than the Hollow Crown and more easily gathered. Pkt., 10c; oz., 20c; 1/4 lb., 75c; lb., \$2.00.

## PARSLEY

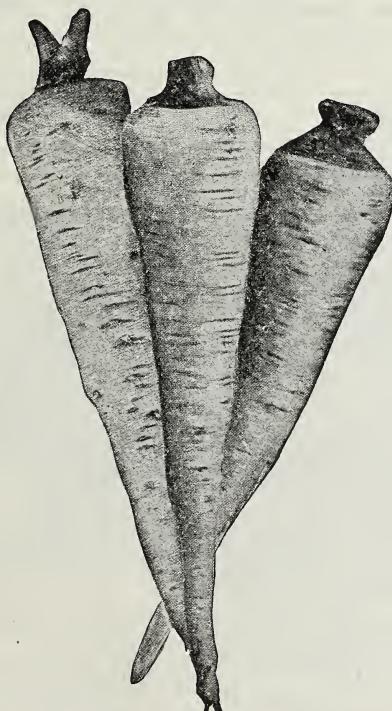
Perejil

**Culture**—Parsley succeeds best on rich, mellow soil. The seed is even slower than Parsnip in germinating, and should be sown as early as possible in the spring, in drills one foot apart, covering not more than one-half inch deep. Thin out to 4 inches or more. Frequent cutting improves the plants. One ounce to 150 feet of drill.

**New Emerald** One of the finest for garnishing and flavoring. Pkt., 10c; oz., 20c; 1/4 lb., 40c; lb., \$1.25.

**Champion Moss Curled** The plant resembles a tuft of finely curled moss, leaves extra large and a deep rich green. Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.25.

**Turnip Rooted or Hamburg** The roots resemble Parsnips. Pkt., 10c; oz., 20c; 1/4 lb., 40c; lb., \$1.25.



Hollow Crowned Parsnip.

# PEAS

Chicharos Guisantes

Peas succeed in any good garden soil, but for earliest crops a light, warm and moderately rich soil is most suitable. Plant in rows 3 feet apart, 3 to 5 inches deep, dropping the seeds 3 inches apart in the rows. The taller varieties need some support of either brush or wire netting. One pound to 75 feet of drill; 90 to 120 pounds to the acre. All our seed peas are grown far north, and carefully hand-picked. When ordering peas sent by mail add required parcel post rates.

**Early Alaska** Very early and hardy. Vine strong and vigorous, 2 feet high, of a peculiar green color. Pods 2 1-4 to 2 3-4 inches long, straight and blunt at the end. Is ready for picking 40 to 50 days from planting. Seed round, bluish green, slightly pitted. Pkt., 10c; 1/2 lb., 20c; 1 lb., 30c; 10 lbs., \$2.50.



Alaska Peas

**Gradus or Prosperity** A large, wrinkled, early pea with a pod nearly as large as the Telephone, filled with large peas, tender and of good quality and flavor. Must not be planted until after all danger of early frost has passed. Height of vine 26 to 30 inches, with large, luxuriant foliage, pale green in color. Pods dark green, 4 to 4 1/2 inches long and pointed. Fit for use in 52 days from planting. Pkt., 10c; 1/2 lb., 20c; 1 lb., 30c; 10 lbs., \$2.50.

Plant early peas  
—can the surplus.

Plant Late Peas,  
—can the surplus.

By planting a few extra rows and canning the surplus you will have green peas all winter.

**First and Best** Early, productive and hardy with a strong, vigorous vine, which is light in color and uniform in growth, 2 1/2 to 3 feet high. Seed inches long. Fit for picking in 56 days. Pkt., 10c; 1/2 lb., 20c; 1 lb., 30c; 10 lbs., \$2.50.

**Nott's Excelsior** Height 12 to 17 inches. Pods are light in color, round, about 2 1/2 inches long, white and rather small and smooth. Pkt., 10c; 1/2 lb., 20c; 1 lb., 30c; 10 lbs., \$2.50.

**Dwarf Telephone** Vines 18 to 20 inches high, medium pods about 4 inches long. Seed pale green, large, much wrinkled. Pkt., 10c; 1/2 lb., 20c; 1 lb., 30c; 10 lbs., \$2.50.

**Stratagem** Vigorous, hardy and heavy cropper pods 3 1/2 inches long, fit for table use in 56 days. Seed very large green, wrinkled. Pkt., 10c; 1/2 lb., 20c; 1 lb., 30c; 10 lbs., \$2.50.

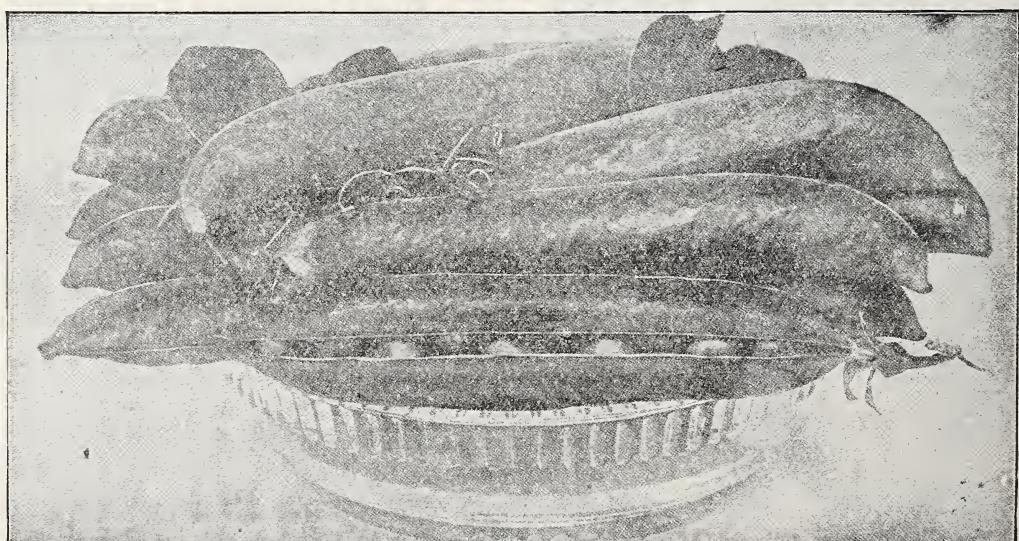
**Everbearing** Vigorous and branching in habit of growth. Seed green, wrinkled, large in size. Bears for a long time and is a heavy cropper. Pkt., 10c; 1/2 lb., 20c; 1 lb., 30c; 10 lbs., \$2.50.

**White Marrowfat** A very heavy yielding late variety. Pkt., 10c; 1/2 lb., 20c; 1 lb., 30c; 10 lbs., \$2.50.

**Black Eyed Marrowfat** Similar to the White Marrowfat but grows a few inches taller, and the seed bears a black eye, from which it takes its name. Pkt., 10c; 1/2 lb., 20c; 1 lb., 30c; 10 lbs., \$2.50.

**American Wonder** Pods are light colored, straight and blunt at the end. Fit for picking 55 days from planting. Seed wrinkled green. Pkt., 10c; 1/2 lb., 20c; 1 lb., 30c; 10 lbs., \$2.50.

**Premium Gem** Very luscious in flavor, height 18 inches. Ready to pick in 59 to 60 days from planting. Seeds are green. Pkt., 10c; 1/2 lb., 20c; 1 lb., 30c; 10 lbs., \$2.50.

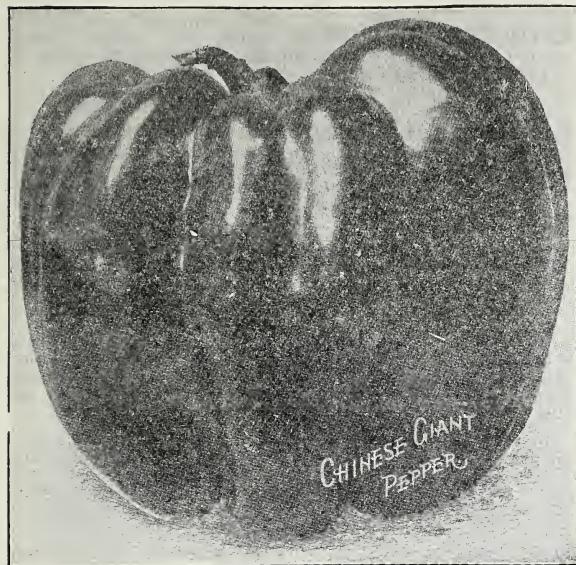


Gradus, or Prosperity Pea.

# PEPPER

Pimiento, Chili

**Culture**— Pepper should be started in a hot bed in February or March, and not planted outside till the ground is warm and there is no danger of frost. Sow the plants in rows 2 feet apart and 18 inches in the row. Hoe often and keep the weeds down. Do not plant the sweet or mild peppers near the hot ones. One ounce produces about 1,500 plants.



Chinese Giant Pepper

**Chinese Giant** This variety is undoubtedly the largest Pepper in existence. The peppers are of a bright scarlet color when ripe and mature almost as early as the Ruby King. Flesh is thick very mild and sweet. Pkt., 10c; oz., 50c; 1/4 lb., \$1.50; lb., \$5.00.

**Culture**— Pumpkins are frequently planted in connection with a crop of corn, or as a second crop after early peas, etc. Plant in hills 8 to 12 feet apart. Do not plant near melons or cucumbers as they are liable to mix. Plant seed about May 1st. One ounce to 30 hills, 4 pounds to an acre.

**Sugar or Pie** It is small, being about 10 inches in diameter. Deep orange-yellow skin, and fine grained flesh. Excellent keeper. Pkt., 10c; oz., 20c; 1/4 lb., 35c; lb., \$1.00.

**Mammoth Tours** Skin pale green, marked with deeper bands and marbling. Good exhibition sort or for feeding stock. Pkt., 10c; oz., 20c; 1/4 lb., 75c; lb., \$2.00.

**Large Cheese** Fruit flattened, the diameter being 2 or 3 times the length. Skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, tender and of excellent quality. Pkt., 10c; oz., 20c; 1/4 lb., 25c; lb., 85c.

**Cashaw or Crookneck**

Very productive, color light cream, sometimes lightly striped; flesh salmon-colored, mealy and sweet. Pkt., 10c; oz., 15c; 1/4 lb., 50c; lb., \$1.50.

**Kentucky Field** A large round variety produced in great numbers. Very suitable for canners' use. Pkt., 10c; oz., 20c; 1/4 lb., 25c; lb., 85c.

**Japanese Pie** The flesh is very thick, nearly solid, the seed cavity being very small in one end of the Pumpkin; fine grained, dry and sweet, having much the taste and appearance of sweet potatoes. Pkt., 10c; oz., 20c; 1/4 lb., 35c; lb., \$1.25.

**Green Striped Cashaw** Fruits very large with crooked neck; color creamy white, irregularly striped or traced with green. Very productive. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.50.

**Large Bell or Bull Nose** A very large sort, of inverted bell shape, suitable for filling, or for a mixed pickle. Flesh thick, hard and less pungent than most other sorts. Pkt., 10c; oz., 75c; 1/4 lb., \$1.75; lb., \$6.00.

**Ruby King** Fruits are 6 to 7 inches long by about 4 inches in diameter, of a bright red color. They are remarkably mild and pleasant in flavor. One of the best for making Mangoes. Pkt., 10c; oz., 75c; 1/4 lb., \$1.75; lb., \$6.00.

**New Neapolitan** Earliest of all mild Peppers. The plants are of a spreading open branched growth, two and one-half feet in height when full grown, but begin to form fruit when only a few inches in height. They average 4 to 4 1/2 inches long. Thick meated and mild as an apple. Pkt., 10c; oz., 75c; 1/4 lb., \$1.75; lb., \$6.00.

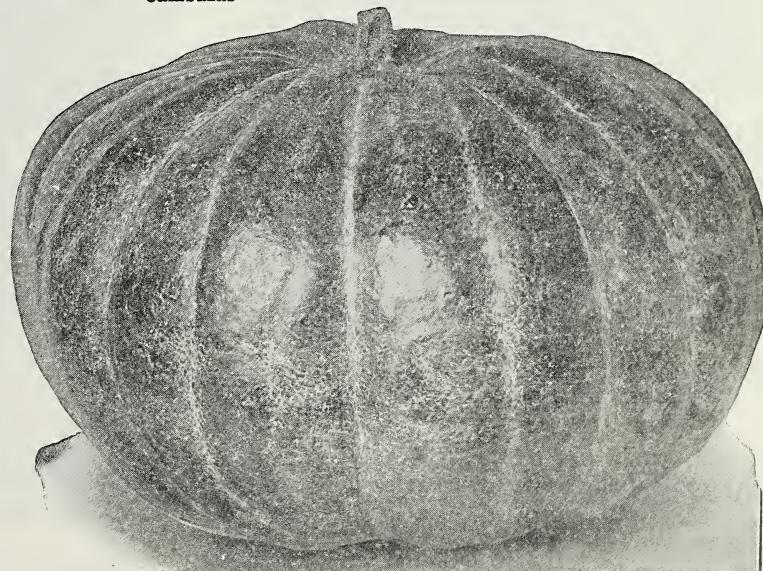
**Pimiento Pepper** The sweetest pepper grown. Can be eaten like an apple, unequaled for canning and preserving. Smooth bright green skin with unusually thick rind; very prolific. Price—Pkt., 10c; 1/2 oz., 50c; oz., 80c.

**Chili, Mexican** Not quite so long as the Anaheim but a little broader, very hot and fiery. Ripens early. Used in making Mexican chili. Pkt., 10c; oz., 35c; 1/4 lb., \$1.50; lb., \$4.50.

**Anaheim Pepper** Plants are very vigorous and produce fruits 6 to 8 inches long, tapering from 1 1/2 to 2 inches in diameter at top to almost a point. When dried they are a brilliant scarlet and are still more pungent than the Black Mexican Chili Pepper. Pkt., 10c; oz., 35c; 1/4 lb., \$1.50; lb., \$4.50.

# PUMPKINS

Calabazas



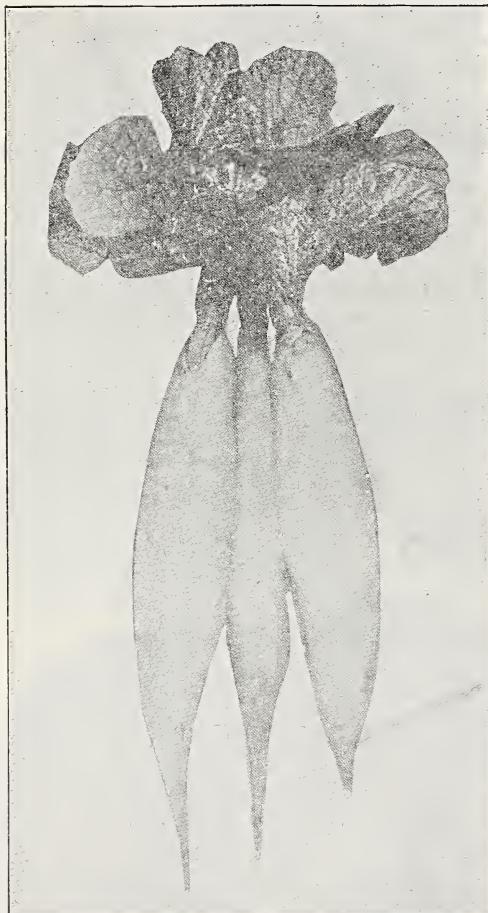
Kentucky Field Pumpkin.

# RADISH

Rabanitos.

**Culture**— Sow as early in the Spring as the ground can be worked, and every two weeks throughout the season, for a succession of crops. In hotbeds they may be sown broadcast, 50 to 100 seeds to the square foot, but in the open ground it is best to sow in drills 12 to 18 inches apart. Cover seed  $\frac{1}{2}$  inch deep. A warm, sandy loam made rich and light by some good, strong manure, which is thoroughly rotted, will be most likely to afford them brittle and free from worms. During summer months use summer or winter varieties, as the early kinds get pithy. Winter radishes can be wintered over as easily as any root crop. One ounce to 100 feet of drill; 10 pounds to an acre.

**White Icicle** Entirely distinct, long, slender, pure white. Very early; much the earliest and finest long white. Fully as early as the Long Scarlet Short Top, with less foliage, rendering it most desirable for forcing. Superior to the finest long red. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



White Icicle Radish.

## RHUBARB

Ruibo.

**Culture**— Rhubarb succeeds best in deep, somewhat retentive soil. The richer its condition and the deeper it is stirred, the better. Sow in drills an inch deep and thin out the plants to 12 inches apart. The following spring transplant into place; set the plants 4 to 5 feet each way. One ounce will produce 400 to 500 plants.

**Early Linnaeus** The standard sort. Very early and tender. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Large Victoria** Very large, later than Linnaeus. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Early Scarlet Turnip** The standard early turnip radish, rich scarlet color, small top and very quick growth. Ready for table use in 21 to 25 days. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

### Early Scarlet Turnip, White Tipped

Handsome bright scarlet with a white tip. Most attractive for table use and a popular market variety. It is the same size and shape as the scarlet turnip variety. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

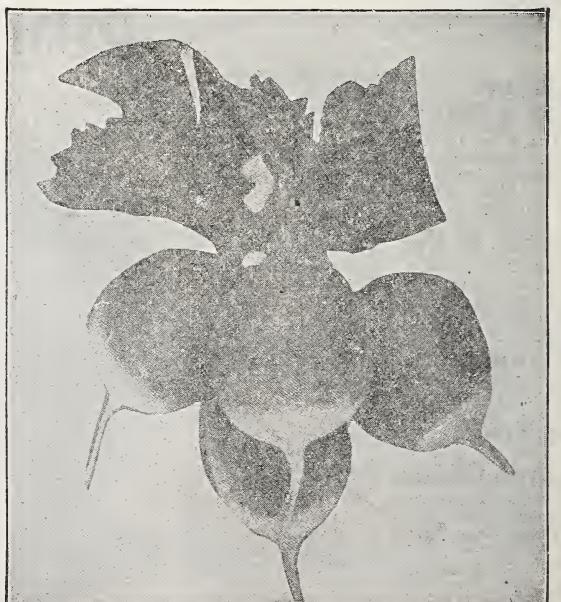
**Long Scarlet Short Top** Roots 6 or 7 inches long, growing half out of the ground. It is very brittle and crisp and of quick growth. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

**French Breakfast** A medium size radish, olive shaped, with small top, of quick growth, very crisp and tender; of a beautiful scarlet color, except near the root, which is pure white. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

**California Mammoth White** A giant white fleshed fall radish; 8 to 12 inches long, 2 to 3 inches in diameter. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

**Long Black Spanish** This variety is sown the last of summer for fall and winter use. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**China Rose, Winter** A very handsome and distinct variety, color the brightest rose. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.



Scarlet Globe—The Market Gardener's Radish

**Early Scarlet Globe** This is the very finest early strain of the round, bright red Radishes. The skin is a bright scarlet; flesh pure white, crisp, tender and of delicious quality. Top short. Ready for market in 28 days. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

## SPINACH

Espinaca.

**Culture**—The main crop is sown in September, and is sometimes covered with straw in exposed places in winter, which prevents it from being cut with the frost. For summer use it may be sown at intervals of 2 or 3 weeks from March to September. Spinach should be sown in rich, well drained soil, in drills one foot apart and one inch deep, or it may be sown broadcast at the rate of 30 pounds to the acre. One ounce to 100 feet of drill; 10 to 12 pounds to the acre.

**Prickly Winter** The hardiest variety, and will withstand the severest weather with only a slight protection of leaves or straw. The seed is prickly; leaves triangular, oblong, or arrow shaped. It is the best for fall sowing, which in the latitude of El Paso is about the latter part of September. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.



Round Leaved Spinach

**Round Summer** This variety is generally preferred for early spring sowing, and is popular with the market gardeners. Leaves large, thick and fleshy. Not so hardy as the prickly, but stands winter well. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

**Long Standing** An improved strain of excellent merit, having all the good qualities of the ordinary sorts, and is especially desirable because it is much later in going to seed. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

**Large Thick Leaf Viroflay** A variety with very large, thick leaves, making it especially desirable where bulk is desired. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

**Bloomsdale** A very early variety and one of the best to plant in Autumn for early spring. The plant is of upright growth, with thick, glossy, dark green leaves of medium size, pointed but broad. Suitable for home garden and very popular with truckers. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

Spinach either grown for home use or the market is a crop that pays well and surely should not be forgotten. Spinach seed is something we handle in very large quantities. The growers for market should correspond with us.

## SALSIFY

**Culture**—It succeeds best in a light rich soil. Sow early in drills 18 inches apart, and cover firmly one inch deep; thin to three inches apart in the rows. Cultivate like Carrots. Very hardy and may remain out all winter. One ounce of seed to 60 feet of drill, 7 pounds to an acre.

**Mammoth Sandwich Island** This new Salsify, recently introduced from the Sandwich Islands, grows fully double the size of the common variety, and is superior in quality. It is pure white in color, and is invaluable to market gardeners. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**NOTICE**—Read page 32. Insecticides. Order them with your seeds.

## SQUASH

Calabaza, Cidracayote.

**Culture**—After all danger of frost is past, plant in hills, the early sorts about 4 feet apart, and the late varieties 6 to 8 feet apart. Drop 6 to 10 seeds to the hill and thin to the 3 strongest plants. The hills should be highly manured. One ounce to 40 hills, for the small kinds and for the large, 1 ounce to 30 hills. 4 to 5 pounds to the acre.

**Early White Bush** The well known White Pattypan Squash. The earliest, very productive, light cream colored. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.



White Bush Squash

**Boston Marrow** Excellent winter variety, with hard shell of bright orange and deep orange flesh. Fine grained and of good flavor. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00, postpaid.

**Hubbard** The best table squash yet known. It has a hard shell, and with some care will keep all winter. Flesh fine grained, dry and of excellent flavor. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**Mammoth White Bush** Not so early as the Early White Bush. Produces large thick fruits. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Golden Summer Crookneck** Plants of true bush growth. Has small crooked necked fruits, skin bright yellow, covered with warty excrescences. Very early, productive and of excellent flavor. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Mammoth Summer Crookneck** It is twice as large as the ordinary summer crookneck; far more warty and equally as early. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Mammoth Chili** Size enormous, often weighing over 100 pounds. Pkt., 10c; oz., 20c; 1-4 lb., 75c; lb., \$2.00.

**Warty Hubbard** Dark olive green fruits are supposed to be slightly more heavily warted though the Hubbard is excellent keeper and splendid quality. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

Squash do exceedingly well in our climate. No home garden is complete without a succession of them. Growers for the market have found them mighty profitable.

## TOBACCO

Tabaco

**Connecticut Seed Leaf** Best adapted to the climate of the middle and northern states, as it is more hardy and endures the cold better than the tender varieties grown in the south. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

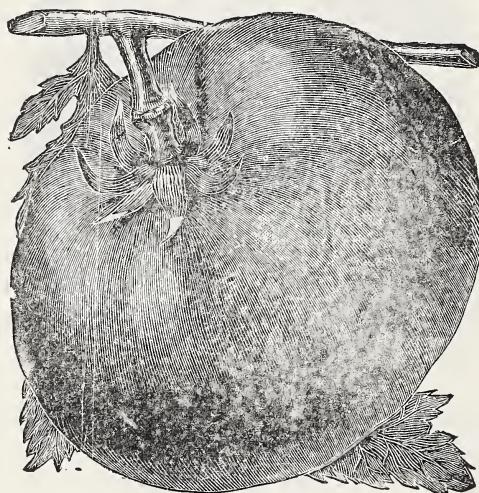
**Havana** Pure Cuban grown seed. Leaf very thin, fine texture. When grown in this country, demands a high price as cigar stock. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00.

# TOMATO

## Tomate

**Culture**— The seed should be sown in March, in a hotbed or they may be sown in a box and kept inside the window of a room where the night temperature is not less than 55 degrees. Thin out the plants in the beds to give them plenty of room to grow strong and stocky. They should be hardened before planting outside. About the middle of May the plants may be set in the open ground, from 4 to 5 feet apart each way, selecting a rainy day for the work, or water well and protect until well rooted. Our seed stock is of the very best selection. One ounce of seed for 2000 plants.

**New Stone** Immensely popular with canners and market gardeners. It is of excellent shape, with very smooth skin, free from cracks, and green core. Ripe fruits will keep in good marketable condition for nearly two weeks after being picked. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00, postpaid.



New Stone Tomato

### New Stone Tomato

Our strain of this good old sort has come to be recognized as the greatest shipping and canning variety ever introduced on account of its firm flesh, and well-established and acclimated type. It is a beautiful bright red, of large, uniform size, and with very few seeds. Sliced it is most appetizing to look upon and of pleasing flavor. The New Stone was originally a mid-season variety, but is grown generally throughout the Southwest from spring until fall. We use extreme care in selecting this seed so that we can recommend it to our customers with the utmost confidence. We furnish hundreds of pounds of this tomato yearly to canners.

### A & M FIRST EARLY

#### Big Money Maker

**A & M First Early** For Home and Market. Let us give a little history of early tomatoes. Just twenty years ago the Early Richmond was the earliest and hardest tomato known to the local seed trade. It was wrinkled and sour, but of fairly large size throughout the winter. This was superseded by the Atlantic Prize, a smoother but smaller tomato. Chalk's Early Jewel came next, an excellent variety in all respects except it was too soft for shipping. The Earliana succeeded, and is yet advanced by many seedsmen as the best first early tomato. We introduced the A. & M. First Early in 1909, and from that time to the present it has superseded all other early varieties and is continually growing in popularity here and elsewhere. For a first early money-maker, it has no equal in the tomato line. We cannot give it too much praise. The growers are not looking for an earlier one. It is good enough. Pkt., 10c; oz., 60c;  $\frac{1}{4}$  lb., \$1.75;  $\frac{1}{2}$  lb., \$3.00; lb., \$5.00, postpaid.

**Livingston's Perfection** A medium to large tomato of deep crimson-scarlet color and of the best quality. Vine large, vigorous and productive. Ripens about mid-season. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1; lb., \$3.50.

**Matchless** Less liable to crack in wet weather than any other large tomato. The plant is strong grower, is very productive, bearing well until frost. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**Ponderosa** The largest fruited tomato, and is of fine quality. Solidly fleshy with small seed cells; of fine flavor. One fruit often weighs a pound or more. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

**Livingston's Beauty** It grows in clusters of 4 or 5 large fruits, retaining its size very late in the season. Ripens very early and evenly, and is perfect in shape. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

**Dwarf Champion** Sometimes called the "Tree Tomato." Its close upright growth enables it to be planted much nearer together than any of the other sorts. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**Favorite** Has no green core, smooth, never cracks after ripening, is a brilliant dark glossy red color ripening all over and through evenly. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1; lb., \$3.50.

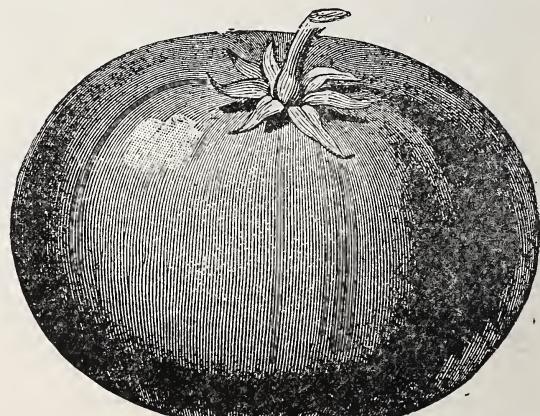
**Early Acme** Vine hardy and productive. Flesh solid, of excellent flavor. Color reddish purple. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**Yellow Plum** Excellent for preserving. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c.

**Yellow Pear** Bright yellow, fine for preserving. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c.

**Husk or Ground Cherry** Fruit golden yellow, size of a cherry. The fruits are each enclosed in a husk. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c.

**Spark's Earliana** Originated a few years ago by one of the most successful truckers of New Jersey, it has proved to be the best and earliest bright red tomato. Coming into the market before any other sort, it commands top prices. It produces an abundance of remarkably solid fruit of uniform shape and rich, bright red color. The tomatoes are borne in clusters, and can generally all be gathered about three weeks from the time the first fruit ripens. They are of good flavor and contain few seeds. Pkt., 5c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00, postpaid.



Spark's Earliana Tomato

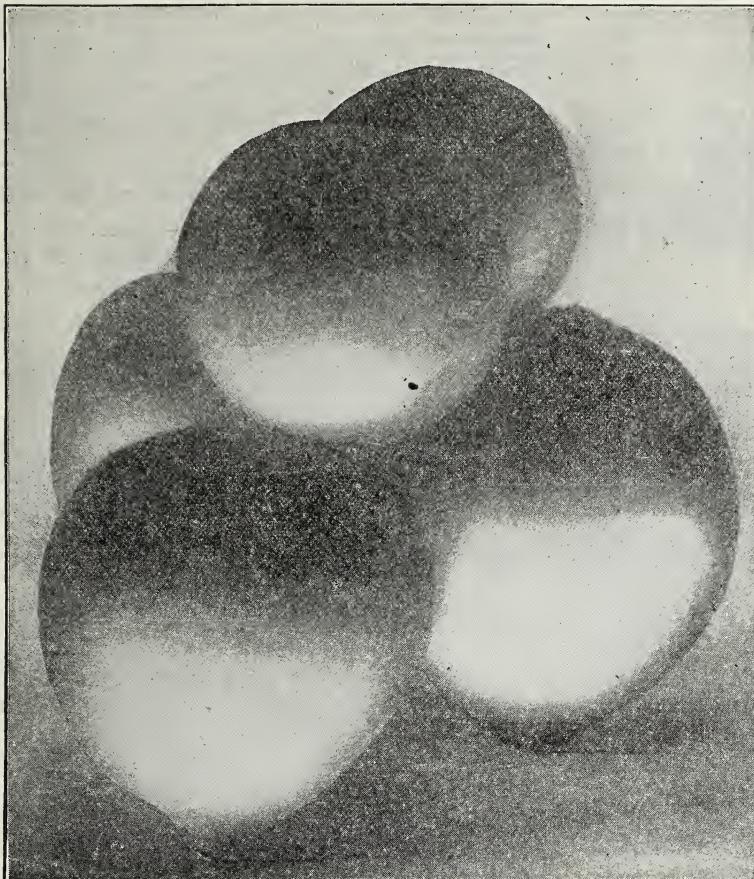
## TURNIPS

Nabo

**Culture**— Turnips do best in a highly enriched, light sandy or gravelly soil. Commence sowing the earliest varieties in March, in drills from 12 to 15 inches in the rows. For a succession, sow every two weeks up to September. For a main crop, sow in August and September. One ounce will sow 125 feet of drill, 2 pounds to the acre, or 3 pounds broadcast.

**Purple Top Strap Leaf** The standard for this part of the country. Superior for early or late planting. Round, flat, good sized, small top with but few leaves; flesh very fine grained; flavor and contain few seeds.

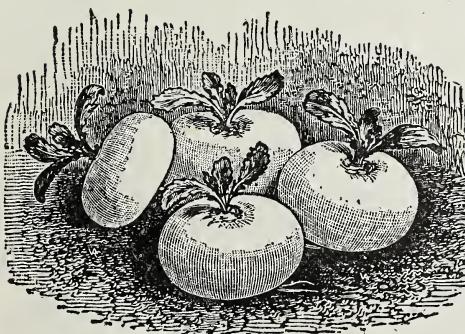
Round, flat, good sized, small top with but few leaves; flesh very fine grained; Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 75c.



Purple Top White Globe Turnip.

**Early White Egg** Its smooth, white skin and quick growth makes it particularly desirable for market purposes. The flesh is very sweet, firm and mild, never having the rank, strong taste of some varieties. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 75.

**Early White Flat Dutch** (Strap Leaved.) A most excellent garden variety. Roots medium sized, flat, white; very early, sweet and tender. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 75c.



Early Flat Dutch Turnip

**Seven Top** Cultivated extensively for the tops, which are used as greens. Very hardy and will grow all winter. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 75c.

## Purple Top White Globe

One of the most popular of all market turnips. The shape is globular and of good size, having an uneven purple edging at the top of the white globe surface. The flesh is firm, fine grained, white, and of excellent flavor. Fine keeper, immense producer, desirable for table and stock. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 75c.

**Amber Globe** (Strap Leaved.) Flesh yellow, fine grained and sweet; color of skin yellow with a green top. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 75c.

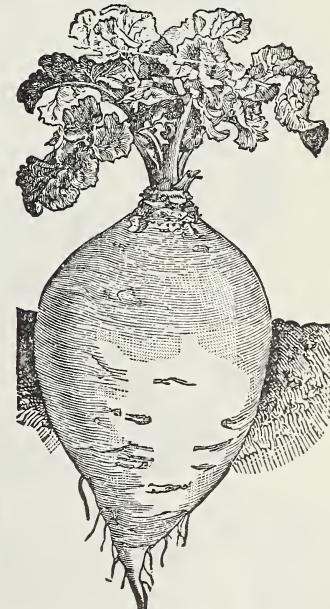
**Yellow Aberdeen** This is a highly approved cattle turnip, growing to a large size. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 75c.

## Extra Early White Milan.

The earliest in cultivation. The bulb is very flat, of medium size, quite smooth. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c; lb., \$2.50.

## RUTABAGA

(Swedish or Russian Turnips)



Purple Top Rutabaga.

Anyone who raises stock should not fail to grow a large supply of rutabaga for feeding purposes, as they are superior to any other root vegetable grown for cattle, hogs, sheep and horses. They are indispensable.

## Yellow, Purple Top

Hard and productive, flesh yellow, of solid texture, sweet and well flavored; shape is slightly oblong; terminates abruptly with no side or bottom roots; color deep purple above and bright yellow under the ground; leaves are light green, small, and with little or no neck; the most perfect in form, the richest flavor, and the best in every respect. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 30c; lb., 75c.

## HERBS

### (Sweet, Medicinal and Pot)

Herbs in general delight in rich, mellow soil. Those marked with an asterisk (\*) are perennial, and, when once established in the garden, may be preserved for years with a little attention. Cut the leaves while still tender and dry them in the shade.

Anise—For garnishing and flavoring. Pkt., 10c; oz., 20c.

Sweet Basil—Used for soups, stews and sauces. 1 foot high. Pkt., 10c; oz., 20c.

\*Caraway—For confectionery, medicine and flavoring.

Pkt., 10c; oz., 20c.

Castor Oil Bean—For ornament and medicine, 6 feet.

Pkt., 10c; oz., 20c.

Chervil—Pkt., 10c.

Coriander—Grown for its seeds; also for garnishing. 2 feet. Pkt., 10c; oz., 20c.

Dill—Leaves used in soups, sauces and pickles; seeds for flavoring. Pkt., 10c; oz., 20c.

\*Fennel, Sweet—Leaves are used in sauces. Pkt., 10c; oz., 20c.

Marjoram, Sweet American—Home grown seed is the best for winter use, as it makes more bulk. Pkt., 10c; oz., 30c.

\*Lavender, Aromatic—Pkt., 10c; oz., 20c.

Rue—Pkt., 10c.

Rosemary—Pkt., 10c.

\*Sage—Tender leaves and tops are used in sausage, stuffing and sauces. Pkt., oz., 20c.

Savory, Summer—For seasoning. Pkt., 10c; oz., 20c.

\*Thyme, Summer—For seasoning. Pkt., 10c; oz., 30c.

## Vegetable Plants, Roots

### NEPONSET PAPER FLOWER POTS

Made of waterproof fabric. Are absolutely unbreakable. The cheapest pot on the market.

Pots, 2½ in., \$1.00 per 100; \$7.50 thousand.

Pots, 3½ in., \$1.50 per 100; \$12.50 thousand.

We grow large quantities of Vegetable Plants and Roots and can supply all the varieties listed below in the proper season.

Asparagus Roots, Conover's Colossal—2-year roots.

50c per doz., postpaid; \$2.00 per 100; \$15.00 per 1,000.

Palmetto—2-year roots.

50c per doz., \$2.00 per 100, \$15.00 per 1,000.

Columbia Mammoth—2-year roots.

50c per doz., postpaid; \$2.00 per 100, \$15.00 per 1,000.

Cabbage Plants.—Ready after March 15.

Eggplant, New York Improved Large Purple.—Ready in April.

25c per doz., \$1.00 per 100, \$8.00 per 1,000.

60c per doz., \$4.00 per 100 transplanted.

Horse Radish Sets.—50c per doz., \$2.00 per 100 postpaid.

Pepper Plants, Large Sweet Bell.—Ready in April.

50c dozen; \$2.00 per 100.

Rhubarb Roots, Crimson Winter.—25c each, \$2.50 per doz.

Sweet Potato Slips.—75c per 100, \$5.00 per 1,000.

Tomato Plants.—Ready in April.

50c per doz., Transplanted Plants—\$2.00 per 100; \$15.00 per 1,000 from seed bed.

Please Note.—We send Vegetable Plants and roots by express or mail only at buyer's expense. Special prices to buyers of lots.

## FLOWERS

We have the best and largest collection of Flower Seeds in the Southwest. We are direct importers of leading varieties that cannot be procured in this country, and selected for their adaptability to conditions in the West and South. All of our packets are put up by us from fresh bulk seeds and from the same stock that we sell in larger quantity. We have established a reputation in this department for quality, that is not surpassed by any other seed house in the country.

Following the name of the Flower, the initials "HA" indicates Hardy Annual; "HHA" Half Hardy Annual; "TA" Tender Annual; "P" Perennial; "HP" Hardy Perennial; "TP" Tender Perennial; "HHP" Half Hardy Perennial.

## ASTERS

Of the general beauty of these flowers it is unnecessary to speak; the immense world-wide demand for them shows their adaptability for any climate; and, coming into bloom, as they do, when most other flowers are fading away, enhances their value. For the best results the ground for the cultivation of Asters cannot be too richly prepared, although they will give satisfactory returns on any ordinary garden soil.



Branching Aster

**Victoria** Flowers very large, double, and beautifully reflexed. The plants bear ten to twenty flowers, with appearance of an elegant pyramid; one and a half feet. All colors mixed. Pkt. 10c.

Separate Colors.—White, Blue, Purple and Lavender. Pkt. 10c.

Choice Mixed Asters.—Many varieties of different types. Pkt. 10c.



Victoria Aster.

**Daybreak** The plants grow stiffly erect, eighteen to twenty inches in height, with ten to fifteen branches, each bearing a very large, extremely double flower, with incurved petals. The broad silvery petals are suffused with soft delicate pink. Pkt. 10c.

**New Giant Comet Asters** Mixed. With good cultivation, flowers of this type frequently measure four inches across, and in their fine form, large size, and long stem approach in beauty the fine Chrysanthemums grown in the greenhouse during the late fall months. Pkt. 10c.

**Semple's Branching** All colors mixed of this favorite long-stemmed strain. Pkt. 10.

**Queen of the Market** Of graceful spreading habit, it is in full flower two weeks before most other Asters. Deep blue, white, pink and rose in mixture. Pkt. 10c.

## FLOWERS—Continued.

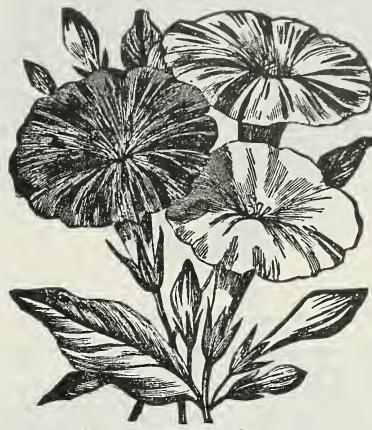
ABRONIA—Umbellata, mixed. H.H.A.	.10	COSMOS—Early Flowering, mixed colors. H.A.	.10
AGERATUM—Mexicanum, light blue. H.A.	.10	COSMOS—Klondyke. Yellow. H.A.	.10
ALYSSUM—Sweet. H.A.	.10	COSMOS—Giants of California. Mixed colors. H.A.	.10
AMARANTHUS—Tri-color, Joseph's Coat. H.A.	.10	COXCOMB—Celosia Cristata. Dwarf. Mixed colors.	.10
AMPELOPSIS—Quinquefolia, (American Woodbine). H.P.	.10	COXCOMB—Celosia Cristata. Feathered. Mixed colors	.10
AMPELOPSIS—Veitchii, (Japan or Boston Ivy). H.P.	.10	CLIMBERS, MIXED—All the popular climbers mixed.	.10
ANTIRRHINUM—Snapdragon, Dwarf, mixed colors. P.	.10	DAHLIA—Double, choice mixed colors. H.H.P.	.10
ANTIRRHINUM—Snapdragon, tall, mixed colors. P.	.10	CYPRESS VINE—Ipomoea Quamoclit. Mixed colors.	.10
AQUILEGIA—Garden, mixed colors, single and double. H.P.	.10	DAHLIA—Single, choice, mixed colors. H.H.P.	.10
BACHELOR'S BUTTON—Centaurea Cyanus. Many colors. H.A.	.10	DAISY—Bellis Perennis, double, choice, mixed colors. T.P.	.10
BALSAM—Double, mixed colors. TA. Ounce 35c.	.10	DAISY—Longfellow, double, pink. T.P.	.15
BALSAM—Single, mixed colors. TA. Ounce 35c.	.10c		
BALSAM APPLE—Tall climber.	.10		
MALSAPEAR—Momordica Charantia, tall climber.	.10		
BALLON VINE—Tall climber.	.10		
CALLIOPSIS—Mixed colors. H.A.	.10		
CANDYTUFT—Giant Empress. H.A. Oz. 50c.	.10		
CANDYTUFT—White Rocket. H.H.A. Oz. 50c.	.10		
CANDYTUFT—Mixed colors. H.H.A. Oz. 40c.	.10		
CANNA—Mixed colors. T.P.	.10		
CARNATION—Marguerite, mixed colors. H.H.P.	.10		
CARNATION—Grenadin, pink. H.H.P.	.15		



CARNATION—Grenadin, white. H.H.P.	.10
CASTOR BEANS—Ricinus. TA. Oz. 15c.	.10
CENTAUREA MARGUERITE—White. H.H.	.10
CENTAUREA CANDIDISSIM—Dusty Mill. H.H.P.	.10
CHRYSANTHEMUM—Annual, mixed colors. H.A.	.10
COCOMOS—Early Dawn. H.A.	.10
CHRYSANTHEMUM—Maximum, (Ox-eyed Daisy). H.P.	.10
CONVOLVULUS MAJOR—Tall Morning Glory, Mixed colors. H.A. Oz. 40c.	.10
CONVOLVULUS MINOR—Dwarf Morning Glory, Mixed colors. H.H.A. Oz. 40c.	.10



Margaret Carnation



Four O'clock

DAISY—Snowball, double, white. T.P.	.15
DAISY, SHASTA—California, pale yellow color. T.P.	.15
DAISY—California. Mixed. T.P.	.15
DELPHINIUM—Perennial Larkspur, Hybridum. Double Mixed. H.P.	.10
DELPHINIUM—Elatum. (Giant Bee Larkspur). Single Mixed. H.P.	.10
DIANTHUS—Hedwigii. Single, mixed colors. Hardy Hardy biennial	.10
DIANTHUS—Plumarius. Perpetual or June Pinks. Mixed. H.P.	.10
FEVERFEW—Matricaria. White, Double. H.H.P.	.10
FORGET-ME-NOT—Myosotis Alpestris. Mixed. H.P.	.10
FORGET-ME-NOT—Blue. H.P.	.10
FOUR-O'CLOCK—Marvel of Peru. Mixed colors. H.A.	.10
GERANIUM—Zonale. Mixed colors. H.H.P.	.15
GODETIA—Mixed colors. H.A.	.10
GOURDS MIXED—All kinds. TA. $\frac{1}{2}$ oz. 15c; oz. 25c.	.10
GOURDS—Dish Cloth or Luffa. TA. Oz. .30c.	.10
GOURDS—Japanese Nest Egg. TA. Oz. .25c.	.10
GOURDS—Sugar Trough. TA. Oz. .25c.	.10
GOURDS—Hercules' Club. TA. Oz. .25c.	.10
GYPSOPHILA—Elegans. (Angel's Breath). Pink.	.10
GYPSOPHILA—Paniculata. (Baby's Breath). Pure White. H.P.	.10
HELICHRYSUM—Double, mixed colors. H.A.	.10
HELIOTROPE—Mixed colors. H.H.P.	.10
HIBISCUS—Africanus. H.A.	.10
HOLLYHOCK—Double, choice mixed colors. H.P.	.10
HOLLYHOCK—Double, pink. H.P.	.10
HOLLYHOCK—Double, white. H.P.	.10
HOLLYHOCK—Double, red. H.P.	.10
HOLLYHOCK—Double, maroon. H.P.	.10
HOLLYHOCK—Double, yellow. H.P.	.10



Lobelia

## FLOWERS—Continued



	Pkt.
<b>HYACINTH BEAN</b> — <i>Dolichos Lablab</i> . Mixed colors.	
TA. ....	.10
<b>ICE PLANT</b> — <i>Mesembryanthemum Crystallinum</i> . TA. ....	.10
<b>JAPANESE MORNING GLORY</b> —Mixed. TA. Oz. 25c. ....	.10
<b>JAPANESE HOP</b> —A rapid growing climber. Re-seeds. HA. ....	.10
<b>JOB'S TEARS</b> — <i>Coix Lachryma</i> . HA. ....	.10
<b>KOCHIA SCOPARIA</b> —Mexican Burning Bush. TA. ....	.10
<b>LARKSPUR</b> — <i>Delphinium</i> . Double, tall, mixed. HA. ....	.10
<b>LINUM</b> — <i>Grandiflorum Rubrum</i> . Scarlet Flax. HA. ....	.10
<b>LOBELIA</b> —Crystal Palace. Blue color. HHA. ....	.10
<b>MARIGOLD</b> —French. Double, dwarf, mixed. HA. ....	.10
<b>MARIGOLD</b> —African. Double, tall, mixed. HHA. ....	.10
<b>MARANDYA</b> —A climber for window garden. HA. ....	.10
<b>MIGNONETTE</b> — <i>Reseda</i> . Sweet Grandiflora. Large flowering. HA. Oz. 40c. ....	.10
<b>MIGNONETTE</b> — <i>Reseda</i> . Giant white spiral, tall. HA. Oz. 40c. ....	.10
<b>MIGNONETTE</b> — <i>Reseda</i> . Giant Machet. HA. Oz. 75c. ....	.10
<b>MOON FLOWER</b> — <i>Ipomoea Noctiflora Mexicana</i> . Best climber. TA. ....	.10
<b>MOURNING BRIDE</b> — <i>Scabiosa</i> . Mixed colors. HA. ....	.10
<b>JAPANESE MORNING GLORY</b> ....	.10

**Nasturtium**

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms.

**Tall Nasturtium**

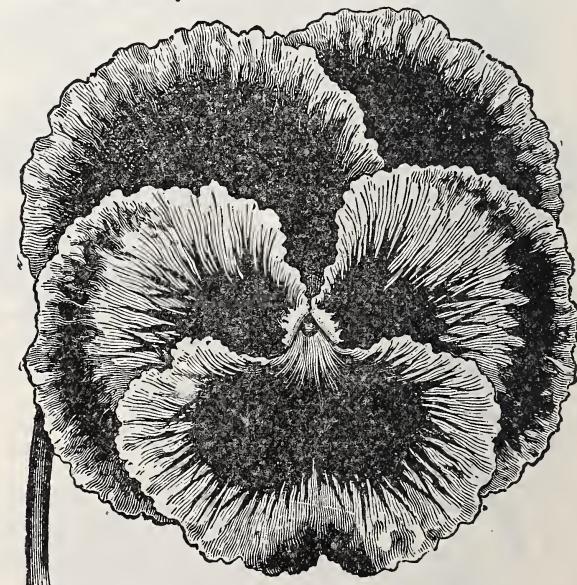
<b>Coccineum</b> . Bright orange scarlet. Oz. 15c. ....	.10
<b>Schillingi</b> . Bright yellow, maroon blotches. Oz. 15c. ....	.10
<b>Pearl</b> . Cream white. Oz. 15c. ....	.10
<b>Hemisphaericum</b> . Straw color. Rosy blotches. Oz. 15c. ....	.10
<b>King Theodore</b> . Crimson, dark-leaved. Oz. 15c. ....	.10
<b>Chameleon</b> . Mixed. 1-2 oz. 10c; oz. 15c; 1-4 lb. 50c. ....	.10

**Dwarf Nasturtiums**

<b>Brilliant</b> —A handsome scarlet. Oz. 15c. ....	.10
<b>Ruby King</b> —A blue-tinted red. Oz. 15c. ....	.10
<b>Pearl</b> —Creamy white. Oz. 15c. ....	.10
<b>King Theodore</b> —Maroon. Oz. 15c. ....	.10
<b>Lady Bird</b> —Orange yellow, red spots. Oz. 15c. ....	.05
<b>Empress of India</b> —Dark red, very dark-leaved. Oz. 20c. ....	.10
<b>Chameleon</b> . Mixed. Oz. 20c; 1-4 lb. 50c. ....	.10
<b>NICOTIANA AFFINIS</b> . HHA. ....	.10
<b>NIGELLA</b> —Love-in-a-mist. Double, mixed colors. HA. ....	.10
<b>OXALIS</b> —Summer flowering, mixed colors. HHP. ....	.10
<b>PETUNIA HYBRIDIA</b> —Single mixed, striped and blotched. IHP. ....	.10
<b>PETUNIA</b> —Giants of California, single mixed. HA. ....	.15
<b>PETUNIA</b> —Large, flowering, double, mixed. HA. Oz. 50c. ....	.10
<b>PHLOX DRUMMONDI</b> —Mixed. HA. Oz. 60c. ....	.10
<b>PHLOX DRUMMONDI</b> —Large flowering, mixed. HA. Oz. 80c. ....	.10
<b>PHLOX</b> —Perennial. Mixed. H. ....	.10
<b>PORTULACA</b> —Double. Choice mixed. HA. ....	.10
<b>PORTULACA</b> —Single. Choice mixed. HA. ....	.10
<b>SALPIGLOSSIS</b> —Mixed colors. HA. ....	.10
<b>SALVIA</b> — <i>Coccinea</i> . (Scarlet Flowering Sage). TA. ....	.10
<b>SENSITIVE PLANT</b> — <i>Mimosa Pulica</i> . TA. ....	.10
<b>STOCKS</b> —Ten Weeks. Large, flowering, mixed. HHA. ....	.10
<b>STOCKS</b> —Cut-and-Come-Again. Mixed. HHA. ....	.10
<b>SWEET SULTAN</b> — <i>Centaurea Moschata</i> . Mixed. Annual ....	.10

**Mixed Nasturtiums**  
**Pansies**

Good mixed, all colors. Hardy Biennials	.10
<b>Trimardeau</b> —White, with dark center....	.10
<b>Black</b> —King of Blacks....	.10
<b>Yellow</b> —A clear yellow....	.10



Triumph of the Giant Pansy

Blue—Azure blue	.10
Purple—Deep royal purple	.10
Bronze—A golden bronze	.10

## FLOWERS—Continued

	Pkt.
<b>SWEET WILLIAM</b> — <i>Dianthus Barbatus</i> . Single, mix- ed. HP. ....	.10
<b>SWEET WILLIAM</b> — <i>Dianthus Barbatus</i> . Double. Mix- ed. HP. ....	.10
<b>SWEET VIOLET</b> — <i>Viola Odor- ata</i> . Blue. HP. ....	.10
<b>VERBENA</b> —Large flowering. TP. $\frac{3}{4}$ oz. 25c; oz. 75c. ....	.10
<b>VERBENA</b> —Fine mixed colors Mixed. TP. $\frac{1}{4}$ oz. 50c. ....	.10
<b>WALLFLOWER</b> —Single, mix- ed. TP. ....	.10
<b>WALLFLOWER</b> —Double 10	.10
<b>WILD CUCUMBER</b> — <i>Echin- ochystis Lobata</i> . Climber. HHA. Oz. 20c; $\frac{3}{4}$ lb. 40c. ....	.10
<b>WILD FLOWER GARDEN</b> — Mixture of all kinds of flow- er seeds; $\frac{1}{2}$ oz. 15c; oz. 25c. ....	.10
<b>ZINNIA</b> — <b>Double</b> , mixed. HHA. ....	.10
<b>ZINNIA</b> —New Zebra. Striped. Resembling a zebra. HHA 10	

## POPPIES

<b>California</b> —( <i>Eschscholtzia</i> ). Mixed. HHA. ....	.10
Single and double. Mixed. HHA. Oz. 20c. ....	.10
<b>Fairy</b> —Double, mixed. Annual ....	.10
<b>Shirley</b> —Mixed. Annual ....	.10

**Iceland**—Perennial. Mixed. Blooms first year. HP. ....



Double Poppies

## SWEET PEAS

<b>Emily Henderson</b> —White. A persistent bloomer. ....	10
<b>Blanche Ferry</b> —Pink and white. A good bloomer. ....	10
<b>Prince of Wales</b> —Deep rose, beautifully hooded. ....	10
<b>Prima Donna</b> —Soft pink. Usually 4 blossoms to a stem. ....	10
<b>Lovely</b> —A delicate shell pink, tinged with yellow. ....	10
<b>Miss Wilmott</b> —Large orange-pink flowers. ....	10
<b>Lottie Eckford</b> —Silvery white, shaded with lavender. ....	10
<b>America</b> —Scarlet, striped on white. Large open flowers. ....	10



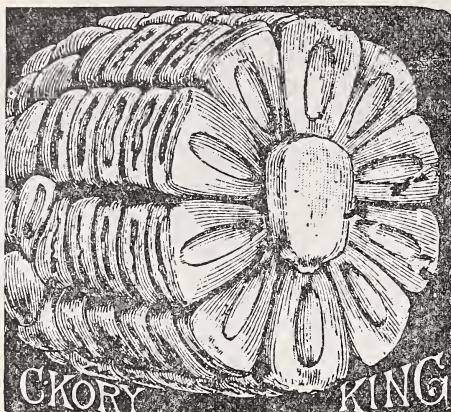
Salpiglossis

<b>Lady Marie Currie</b> —Fine orange pink. ....	10
<b>Lady Grisel Hamilton</b> —Lavender, wings azure blue. ....	10
<b>Captain of the Blues</b> —Bright purple hue. ....	10
<b>Mrs. Eckford</b> —Beautiful shade of light primrose, yellow	10
<b>Othello</b> —Deep maroon and of rich velvety effect. ....	10
<b>King Edward VII</b> —Large, bright scarlet. The best red. ....	10
<b>Perfection</b> —Mixed. Oz. 20c; $\frac{1}{4}$ oz. 45c; $\frac{1}{2}$ lb. 80c; lb. \$1.50. ....	10
<b>PietersWheeler Special</b> —Mixed. Oz. 20c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 80c; lb. \$1.50. ....	10
<b>Spencer</b> —Mixed. Oz. 25c; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb. \$1.50; lb. \$3.00. ....	10



Sweet Peas

## CORN



**Hickory King** This new corn is entirely distinct from all other varieties, having the largest grain with the smallest cob ever introduced in a white corn. Matures in about 100 days. Experiments have proven it to be one of the best varieties for this Southwestern country and especially this valley.

**Eighty-Five Days White Prolific** Produces two to five ears to the stalk and is a very heavy yielder. Matures in about eighty days from planting.

**Indian Squaw** One of the most popular varieties grown in this section. It is a natural drought-resisting, dry weather corn. Matures in about 90 days.

**Mexican June** For best results it should be planted in May, June or July. Under favorable conditions it will yield from forty to seventy-five bushels per acre. The stalks grow usually from 7 to 8 feet high.

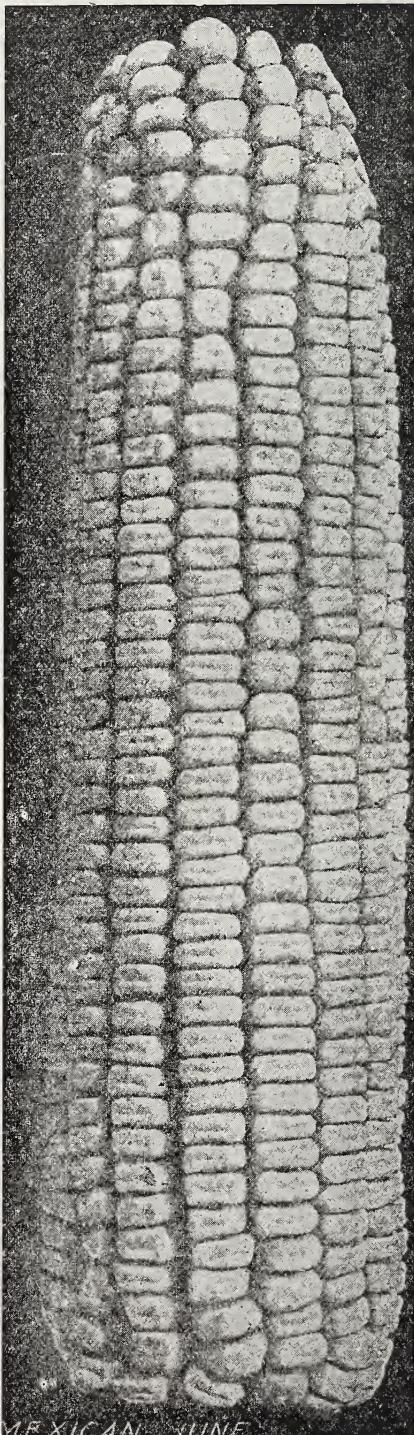
**Parson's White Dent** One of the quickest maturing varieties known. Just the corn to plant after harvesting wheat or oats. It has been successfully tried out in this section.



Yellow Dent Corn

**Reid's Yellow Dent** One of the most popular corns in the United States. Color deep yellow with lighter cap. Grain very deep, closely packed; butts and tips almost entirely covered over. Matures in 110 days.

**Iowa Silver Mine** Truly a money maker distinct in every way, with many superior characteristics. It is adapted to a wide range of soils and climate, maturing in about ninety days after planting. The ears are even in shape, of uniform size, measuring from 8 to 12 inches in length and about 7 in circumference. They generally contain eighteen rows of pure white kernels on a small white cob. The cob dries out rapidly so that this sort is ready for market or cribbing earlier than any other large white corn in existence.



### Pop Corn

### White Rice

Kernels long pointed and resembling rice. Lb., 30c; 10 lbs., \$2.50

### Queen's Golden

Yellow seed, pops very large. Lb., 30c; 10 lbs., \$2.50.

### Write for Quanti- ty Prices on Seed Corn

At the time this booklet goes to press it is impossible to give definite prices.

Prices, Lib-  
eral pkt. 10c;  
lb., 15c; 10  
lbs., \$1.25.

MEXICAN JUNE

# CLOVERS

**White Flowered Sweet Clover.** (*Melilotus Alba.*) Sweet Clover has suddenly sprung into popular favor. Sweet Clover is valuable because of its ability to grow and thrive on the poorest and most barren places. It will not only thrive on soils that are too poor for any other crop but will improve the soil it is growing on. It makes good hay and good pasture, although cattle do not always take to it at first. It resembles Alsike Clover in that it can grow on moist soils.

Its ability to improve the soil, together with its ability to thrive on very poor soils, makes it especially valuable as a pioneer crop on poor, run down, badly washed fields.

The seed can be sown either in the fall or spring and about 20 lbs. of the hulled seed and 25 lbs. of the unhulled seed is required per acre. Per lb., 50c. Large stock on hand. Write for price per 100.

**Alsike Clover** (*Trifolium hybridum.*) Alsike Clover is especially valuable for growing on wet or swampy land. If you have a piece of land that is too damp for alfalfa or other clovers or grass sow Alsike Clover. Per lb., 50c.

**Red Clover** (*Trifolium pratense.*) Very largely grown. Furnishes heavy crops of green feed or hay. Sow 8 to 10 pounds of clean seed per acre. Lb., 50c.

**White Dutch Clover** Makes beautiful lawns. Lb., 75c.

GET OUR SPECIAL QUANTITY PRICE ON ALL CLOVERS

# GRASSES

**Perfection Lawn Mixture** We can offer the above mixture with every assurance of its giving complete satisfaction. The question of an all-year lawn is practically solved by the Perfection Mixture. Experiments in El Paso the past two seasons lead us to believe that Perfection Lawn Mixture is the only grass that will make a beautiful lawn and remain green the entire year under conditions that prevail in El Paso and vicinity. Write us for further information. Price, 50c per pound.

**Orchard Grass** Bromos, Inermis, Rhodes Grass. Write for prices.

**Johnson Grass** (*Sorghum Halapense*)—Perennial Grass, with large, cane-like roots, stalks and panicles resembling those of sorghum. It grows on any land where corn will grow, and like corn, will bear heavy manuring, yielding richly in rich ground. 25c per lb. Write for quantity price.

**Kentucky Blue Grass** This is the basis of all lawns in this country. In combination with White Clover it forms the finest and smoothest lawns. It grows very slowly at first, forming a compact turf; after a good stand has been obtained, it will last for years. 75c per lb.

**Bermuda Grass** One of the most valuable grasses. Bermuda Grass has generally been established by planting roots. However, it is just as easy to get a good stand if good seed is sown and this is much more convenient and cheaper than sodding. Used extensively in this locality for lawns. \$1 per lb. Write for quantity price.

**Sudan Grass Has Come to Stay** “GROWING THE CROP. It may be grown either drilled, in cultivated rows, or broadcast. If planted in cultivated rows, the rows should be as close as possible, and yet permit of easy cultivating. In thirty-inch rows, two to three pounds of seed per acre is ample; and, under conditions of very low rainfall, this method is recommended. Under humid conditions, 18-inch rows are preferable, and five pounds of seed per acre are sufficient. For drilling or broadcasting, 15 to 25 pounds of seed per acre, depending on rainfall, should be used. The seed should not be sown until the ground is warm, that is, about the time for planting corn. The young plants will withstand slight frosts without injury.” Write for price.

Fancy Domestic Alfalfa Seed—See Page 2.

Choice Domestic Alfalfa Seed—Write for Prices.

Prime Domestic Alfalfa Seed—Write for Prices.

**Rye** Rye makes good winter pasture and is liked on account of its ability to stand hard freezing. We have a good supply of selected seed.

Every bushel of rye that goes out from this house is right stock. We know exactly where it comes from. Every bushel of it goes through our recleaning machinery, which takes out all dust, trash and light grains that are left in it by the threshing machines.

Please write for prices on both spring and fall rye.

## Rosen Rye

See page no. 2.

## Texas Red Rust Proof Seed Oats

See page No. 2.

**Sonora Wheat** This is one of the greatest wheats for the dry lands. First, because it requires very little moisture; second, it matures in less time than any other variety, being ready for cutting before the extremely hot weather arrives; third, because it is very desirable, the grains being plump and soft and not hard like the Macaroni wheat. Write for prices.

**Bearded Barley** Barley is much sought after for its splendid hog feeding qualities. In some sections it is used almost entirely for horses and mules. We use the utmost caution in selecting our seed, as some varieties are hard to secure.

Makes excellent winter grazing. Yields 50 to 75 bushels of grain per acre. This is the only barley that will successfully stand a hard freeze. Please write for prices.

**Beardless Barley** This barley is used greatly for late fall sowing or spring planting. It makes a good crop planted as late as February. Please write for prices.

## Early Baart Seed Wheat

See page No. 2.

**Speltz or Emmer** It is neither wheat, rye, nor barley, and yet it appears to be a combination of these. It is more like wheat than any of the others mentioned. For fattening cattle, poultry, horses, sheep, pigs, etc., it is claimed to be ahead of other grains; in fact, all kinds of animals seem to thrive on it. Speltz is claimed to be ahead of corn, superior to oats, and more profitable than wheat. Yields 80 to 100 bushels of grain and as much as four tons of good hay to the acre. Please write for prices.

# FORAGE PLANTS

## MILLETS

No other grass or forage plant has been able to produce the enormous yield of this plant. It has produced from four to five tons of hay to the acre and from seventy to eighty bushels of seed. If sown in the spring on newly broken prairie, it leaves the ground in the finest condition for wheat after harvesting it. Millet deteriorates quickly; change of seed is advisable every year.

**Fancy Big Liberty** This is the finest grade of Liberty Millet we can buy, and we believe will give our customers the very best of satisfaction. Lb., 15c. Formerly known as German Millet.

**Manitoba or Hog** The seed is very rich and thus is very valuable as a hog food. The seed ripens while the stem is yet green, thus, if cut promptly, can be threshed for the seed, while the hay after being threshed, will make excellent fodder. Lb., 15c.

**Japanese or Billion Dollar Grass** This wonderful forage plant was introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Station. It yields as high as twelve to twenty tons per acre, growing six to eight feet high. It succeeds well in all sections and the fodder which it provides is eaten greedily by horses and cattle. Lb., 15c.

**New Siberian or Russian Millet** It is claimed to be the most wonderfully productive and satisfactory forage plant, possessing in a superior degree all the essential merits of any of the older sorts—exceeding them by far. The claims made are that it is from two to three weeks earlier than the Liberty Millet, is a much heavier crop, that the hay is much finer, stalks more elastic and growing much taller, that it is rust proof, and cinch bugs do not relish it, and being of stooling habit, requires much less seed per acre. You should try it. Lb., 15c.

## BUCKWHEAT

**Silver Hull** A great improvement over the original, old sort, yielding nearly double the quantity per acre, blooming longer and maturing sooner. Write for price.

## MAMMOTH RUSSIAN SUNFLOWER

Produces heads measuring from 15 to 20 inches in diameter. Seeds highly valued by farmers and poultry breeders for fowls. Stimulates the production of eggs and gives chickens a lustrous plumage. Price per lb., 20c; 10 lbs., \$1.50.

**Winter Vetch** The great soil renovating hay and forage plant. Should be sown from July to November broadcast, at rate of thirty to forty pounds to the acre, with three-fourths of a bushel of winter oats or one-half bushel of wheat. The oats or wheat support the vetches, enabling them to make better growth and facilitating the harvesting and curing. Write for price.

**Root Crops for Stock Feeding** These should be extensively in this section especially the raising of stock beets, rutabagas, turnips and peanuts. With these you are not experimenting—their worth has been proven.

## PEANUTS

The peanut thrives and produces best on a light, sandy, fertile soil with a good clay subsoil. It possesses a long tap root, which extends deep into the earth, drawing thence the nutrient which is beyond the reach of many of our cultivated crops.

Write for price.



**Spanish Peanuts** The earliest variety grown; pods are small, but remarkably solid and well filled, and the yield per acre very large; can be cultivated with the plow. Because of their early habit and easy cultivation it is the best variety to grow for fattening hogs. It is claimed that one acre of peanuts will produce three times as much pork as one acre of corn. It requires about 35 pounds of peanuts in pod to sow one acre.

**Virginia Improved Peanuts** A very profitable sort, planted almost exclusively in the peanut growing section of Virginia. It is the standard variety for roasting. The plants have erect stems with upright foliage and are easily grown. The nuts are of good size and contain remarkably large kernels. The vines furnish excellent forage.



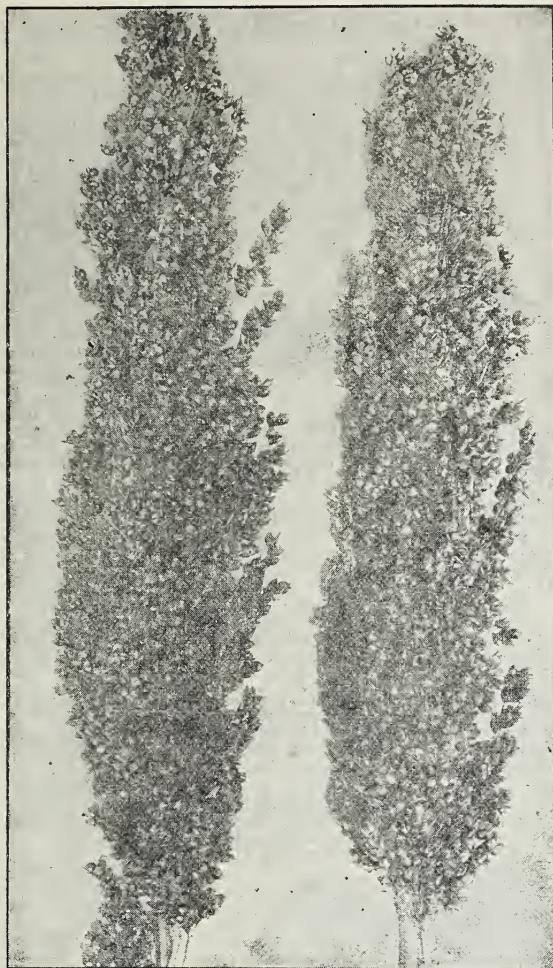
## Canada Peas

The foliage and habit of growth is quite similar to the garden pea. It is sometimes grown alone, but the most satisfactory results are secured by using with oats, rye or barley. It is a good feed either green or dry for cattle.

**Black-Eyed Peas** The dry peas which are produced in large quantities, find a ready sale in this market during the winter. The vines furnish excellent forage.

**Whippoorwill** One of the most extensively grown and yields large quantities of hay and seed. It has brown, speckled seeds which are easily gathered on account of the upright, bushy growth of the plants. A great favorite on account of its early maturity.

# SORGHUMS AND FORAGE PLANTS



Early Amber Cane

**Early Black Amber** The earliest type in cultivation. Black hulled, stalks tall and slim. Most suitable for hay, as it matures very quickly. Makes syrup of excellent quality. Used considerably in this section to get rid of alkali in the soil.

**Early Orange** With taller and heavier stalks than early amber. Largely used for hay and fodder. Excellent for making syrup.

**Red Top or Sumac** High yield of sugar makes this variety compare very favorably with other varieties in the production of syrup. It no doubt ranks first among all varieties in the production and quality of hay, and yields from 200 to 300 gallons of syrup of good quality to the acre. The head of this sorghum is small and very compact, bearing the smallest of seed which are plump, oval, dark red and covered by a very dark cherry colored glume, the glume covering about half the seed.

### Gooseneck Texas Seeded Ribbon Cane

A very vigorous coarse growing variety producing a large quantity of excellent quality of syrup. The seed of this variety are light brown and enclosed in a dark purple glume which covers the larger part of the seed. As the name implies, the neck of the seed head is crooked over and downward and is compact. On the average an acre of this cane will produce from 250 to 325 gallons of syrup.

#### NOTICE

At the time this catalog goes to press it is impossible to quote prices on field seeds. Kindly write, stating quantity and varieties desired.

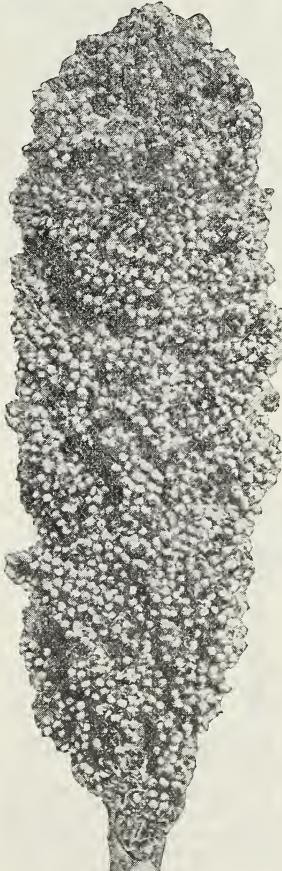
### Honey Drip or Japanese Cane

This variety of cane is without a doubt the best all-round cane. It is the very best syrup producer of all of the varieties and is also a splendid forage crop for green feeding, making excellent hay if sown in drills very thick, and may be planted any time between April and August. It grows 10 to 12 feet high and is very prolific, sometimes producing five to seven stalks from one seed. Matures about the middle of August to October, owing to time of planting, but will keep green and stand, if desired, until killed by frost, allowing the farmer to take his own time to harvest for syrup. Makes from 200 to 400 gallons per acre. As a feed crop it is the best a farmer can grow, on account of its immense amount of sugar, producing from two to three crops per season. One great advantage over some other varieties, if the season is too dry for more than one crop to be raised, this first growth will not mature and fall down, but will stand until frost, retaining its soft, nutritious qualities. It has a large head. For syrup, sow 10 lbs. per acre.

**Egyptian Wheat or Shallu** In drills it yields bushels of grain to the acre. The grain is white inside and has a light hull. The plant grows from 5 to 7 feet tall and produces more and better fodder than cane. It will stand more wet or dry weather than Maize or Cane.

**Feterita** The two best features about feterita are its wonderful ability to resist drought and its earliness. It has proved its ability to stand dry weather without any question, as it has made good yields during very dry seasons, and in some cases without any rain whatever. Some growers report that feterita is fully 35 to 50 days earlier than kaffir, and this also is a big advantage.

The grain of feterita is similar to that of milo, but is pure white and larger and softer. Feterita is planted in rows like kaffir or milo, using from three to five pounds of seed per acre, and the crop is cultivated like milo or kaffir. Feterita should not be planted too early or too deep.



White Kaffir Corn

### Dwarf Yellow

### Milo Maize

A sure dry weather crop. Has yielded as high as 75 bushels per acre. Stalks 4 to 5 feet high, with many juicy leaves and splendid heads. May be cut with a binder and shocked like wheat. Requires shallow planting and shallow cultivation. Recleaned seed. Lb., 20c.

### White Kaffir Corn

Grows 4 to 5 feet high. The stems are very leafy and keep green and brittle, unlike other sorghums which harden. Makes excellent fodder, either green or dried. For grain, sow 10 pounds to the acre, in rows 3 feet apart. For fodder, sow from one-half to one bushel, either broadcast or in drills. Lb., 25c, postpaid.

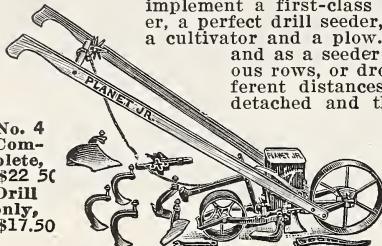
# PLANET JR. GARDEN TOOLS

Space here will only permit our showing and describing a few Planet Jr. tools, but we will mail to all who ask for it, complete catalogue of Planet Jr. Implements, free of charge.

## PLANET JR. NO. 4, COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW

This admirable tool combines in a single implement a first-class hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator and a plow. It holds 2 quarts and as a seeder it sows in continuous rows, or drops in hills at 5 different distances. The drill can be detached and the tool frame substituted by removing but 1 bolt. It is useful almost every day during the season, at every stage of garden work. Weight, complete, 50 lbs.

No. 4 Complete, \$22.50  
Drill only, \$17.50



## PLANET JR. NO. 12, DOUBLE WHEEL HOE, CULTIVATOR AND PLOW

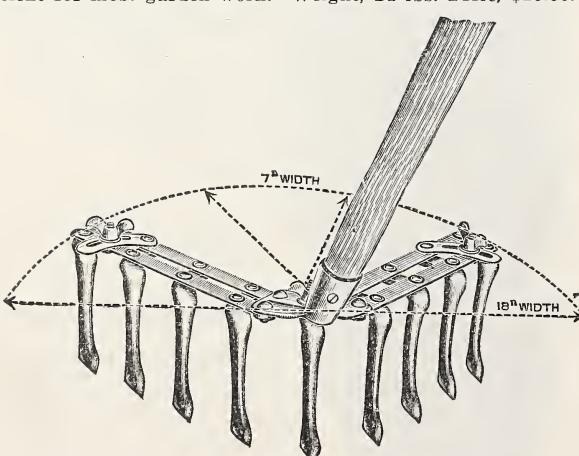
Invaluable for use in all small crops. It can be used between the rows and astride until crops are 20 in. high. Changes and adjustments of the tools are made with the greatest quickness. It has eleven-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustments. Complete equipment consists of: One pair of 6-in. hoes. Two pairs of hollow steel cultivator teeth. One pair of plows. One pair of leaf lifters. Weight, 33 lbs.

No. 12, \$15.00



## PLANET JR. NO. 17, SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

For easy gardening, and at the same time clean and perfect gardening, no tool is the equal of this No. 17 Wheel Hoe. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in 3 days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth: an outfit sufficient for most garden work. Weight, 24 lbs. Price, \$10.00.



## AS THE ROWS WIDEN SO DOES THE CULTIVATOR

Pull Easy Adjustable Garden Cultivator thoroughly stirs up the soil and quickly prepares it for seeding. For cultivating it's the ideal tool—and without a rival. There's no garden tool so easy to handle, and none that does the work so well. It will make a joy of gardening for you. Work so well. It will make a joy of gardening for you. Price \$1.25.

## PLANET JR. NO. 25, COMBINED HILL AND DRILL SEEDER, DOUBLE WHEEL HOE, CULTIVATOR AND PLOW

This new combined machine is intended for a class of gardeners who have a large enough acreage in crops for a double wheel hoe to be used to a good advantage, and yet prefer not to buy a separate wheel hoe. As a drill it is almost identical with No. 4, and as a hoe

it is the same as No. 12.

The change from drill to wheel hoe takes but a moment, and the entire combination is one we can recommend. Will sow in drills any thickness or drop in hills, 4, 6, 8, 12 or 24 inches

apart; it is very accurate in planting all kinds of garden seeds. Two acres a day can easily be worked with this implement. Complete with all attachments, steel frame. Weight, 61 lbs. Price \$25.50.

## PLANET JR. NO. 17 1/2, SINGLE WHEEL HOE AND CULTIVATOR

Same as No. 17, but with only a pair of 6-in. hoes and 3 cultivator teeth; the lifter is also included. Weight, 20 lbs. Price \$9.00.

## PLANET JR. NO. 13, DOUBLE WHEEL HOE

This tool is the No. 12, with the 6-inch hoes only, these being the tools that are generally used. Any or all of the other tools may be added at any time. Weight, 27 lbs. Price, \$10.50.

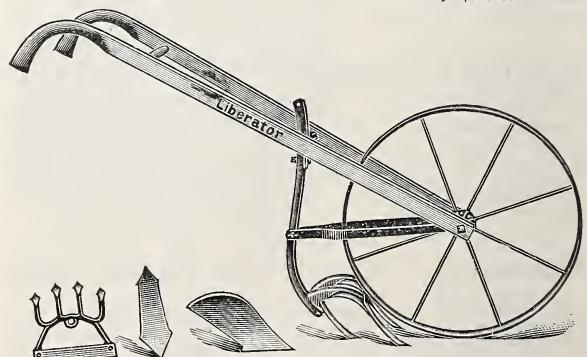
## PLANET JR. NO. 11, DOUBLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE

Same as No. 12, but with the following additional attachments: One pair 4 1/2-inch hoes; two 3-tooth rakes; two 5-tooth rakes. Weight, 37 lbs. Price, \$18.50.

## BROADCAST SEED SOWER

For Sowing Alfalfa, Millet, Oats, Wheat, Hemp, Barley, Rye, Rice, Buckwheat, Etc.—A Model for Accuracy and Durability

Sows from 4 to 8 acres per hour at an ordinary gait, and throws wheat about 40 feet wide. A saving of four-fifths of the labor and one-third of the seed is effected by the use of this machine and a person entirely unused to sowing by hand can use it with perfect success. Full instructions for use with every machine. Price, \$3.50.



## LIBERATOR CULTIVATOR

**“LIBERATOR”**—Quickest adjusted—Easiest to operate—Does perfectly all kinds of garden work—with the least labor.

The “Liberator” is light running—simple in construction—quickly adjusted—practically indestructible, and does perfect work in all garden crops and in all soils.

Price complete, \$8.00, El Paso. Write for special booklet.

## SPRAY PUMPS

## Perfection Sprayer

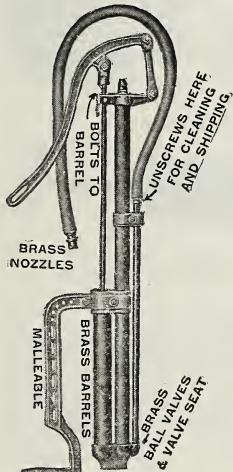


For Spraying, Disinfecting or Whitewashing on Plants, Bushes, Vines etc. Made of heavy metal, with few parts, strong in construction, powerful in action. Pump has bronze ball valve, and is fastened to top of tank with heavy threads. Tank  $7\frac{1}{2}$  in. by 20 in., lock seamed with twenty-six rivets. Hose attached with clamps. All furnished with automatic shut-off nozzles which will handle whitewash and thin liquids without change of parts. Made of Galvanized Steel or all Brass.

Packed 1 each in box. Weight packed 12 lbs.

No. 10G, Galvanized, price each ..... \$ 7.00  
No. 10B, Brass, price each ..... 10.00  
No. 140G,  $2\frac{1}{2}$  gal. Galvanized ..... 5.00

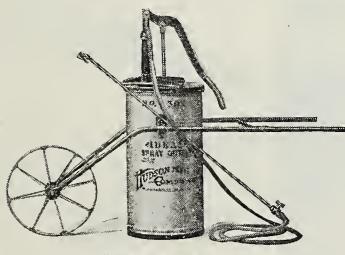
## No. 31 Combination Bucket and Barrel Spray Pump



This pump is made entirely of brass with exception of the stirrups and handle, which are malleable iron and will not break. Has brass ball valves, is double acting and may be used in a bucket or by removing the foot rest, attached to a barrel. Produces a heavy, unbroken spray thirty or forty feet, and is supplied with brass nozzles, producing any size spray or stream desired. Furnished complete as shown and guaranteed to be the best all-round Spray Pump of this design made, for spraying shrubbery, garden vegetables, washing wagons and windows. It cannot be excelled.

Price, \$6.00

## "Ideal" Spray Outfit



"Ideal" Spray Outfit

pump of corresponding size. This enables the operator to keep a uniform pressure at the nozzle.

A mechanical agitator keeps the liquids well stirred. A fine strainer at the opening in the suction pipe prevents anything getting into the working parts of the pump. The pump has the following equipment: 10 feet  $\frac{3}{4}$ -inch Pressure Hose; 8 feet Pipe Extension, in 2 pieces; 1 "Ideal" Nozzle; 1 Brass Shut-off Cock. Shipping weight, crated, 60 pounds. Price, \$35.00. With Pressure Tank \$45.00.

## The "Midget"



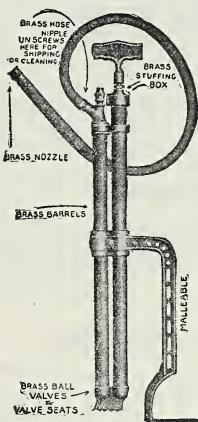
It is made of a good weight of tin, the tank is 3 inches in diameter by 3 inches in length. Holds one pint; is 14 inches long over all, has  $\frac{1}{4}$ -inch pump rod. Price, each, 50c.

## The New "Misty"



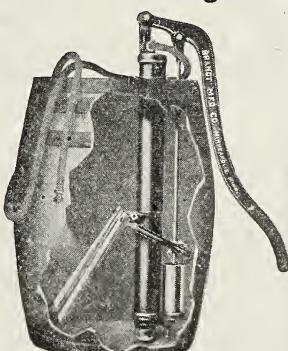
The "New Misty" has a larger pump made of extra heavy tin with a pointed nose or end for contracting the air force. Price, 75c.

## No. 26 All Brass Spray Pump



This Spray Pump is made entirely of brass, including the ball valves, with the exception of the foot and handle, which are malleable. Furnished with 3 ft. of hose and two interchangeable brass nozzles for fine or coarse spray. It produces a continuous, unbroken spray. Will fit any pail or bucket. Adapted for all kinds of spraying purposes. Price, \$5.00

## "King" Barrel Pump



These pumps are built in two sizes and are so arranged that they may be mounted in any barrel and can be adjusted to varying heights. They have extremely large air chambers which insure a uniform pressure at the nozzle. Large cylinders which give great capacity and removable ball valves which enables the user to keep pump in good working condition without

taking it apart. The pumps are sold plain or with the following equipment and at prices shown:

No. 4 "King" Pump, plain, price each ..... \$20.50  
No. 4B "King" Pump has 12-ft. pressure hose, nozzle, hose clamps, etc., price, each ..... 22.50  
No. 5 "King" Pump, plain, price, each ..... 22.50  
No. 5A "King" Pump has 15-ft. pressure hose, nozzle, hose clamps, etc., price, each ..... 25.00

Shipping Weight No. 4, 40 lbs., crated.  
Shipping Weight No. 5, 52 lbs., crated.

Write for full description of the New Easy, a small hand compressed air pump. Price, \$2.50.

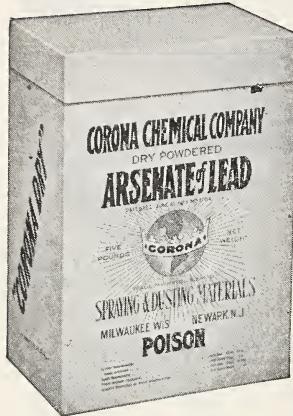
No. 28 WHITE WASH BUCKET SPRAY PUMP — A MIGHTY GOOD VALUE FOR \$4.00.

# INSECTICIDES OR INSECT KILLERS

Are you going to get the fruit and vegetables out of your garden and orchard, or are you going to let the bugs and worms have them. Bug killing is just as important as seed planting and cultivation.

The commercial orchardist and gardener knows this and uses insecticides and insect killers regularly and saves his crops. This is now possible for the home or small gardener inasmuch as we have arranged to have the following preparations put up in convenient small sized and inexpensive packages. On opposite page you will find sprayers of various kinds for applying these preparations.

Satisfy yourself about the advantages of spraying or dusting your garden by treating one-half and neglecting the other. One season will convince you.



## "Corona Dry"

Arsenate of lead has been used in powdered form for combination in wet sprays for many years. Its reputation as the most efficient insect poison is firmly established. It is being used by thousands of the largest and most successful fruit growers in the country. But never before has it been possible to prepare it for efficient use in the dry form—the secret of the success of "CORONA DRY."

For the past five years "CORONA DRY" is available for the home gardener and small growers of fruits. It is put up in the following size packages:

½-lb. carton, not prepaid.....	\$.35
1-lb. carton, not prepaid.....	.60
5-lb. carton, not prepaid.....	2.75
10-lb. carton, not prepaid.....	5.00

Also packed in 25-lb., 50-lb., 100-lb. and 200-lb. lots.

## Corona Dusting Sulphur

½-lb. carton, not prepaid, each.....	\$.10
1-lb. carton, not prepaid, each.....	.20
5-lb. carton, not prepaid, each.....	.75
10-lb. carton, not prepaid, each.....	1.20

## Corona Dry Bordeaux Mixture

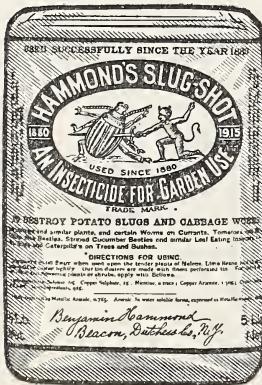
½-lb. carton, not prepaid, each.....	\$.25
1-lb. carton, not prepaid, each.....	.40
5-lb. carton, not prepaid, each.....	1.75
10-lb. carton, not prepaid, each.....	3.00

## Corona Tobacco Dust

½-lb. carton, not prepaid, each.....	\$.10
1-lb. carton, not prepaid, each.....	.20
5-lb. carton, not prepaid, each.....	.75
10-lb. carton, not prepaid, each.....	1.20

## Slug Shot

Non-poisonous, no danger need be apprehended by the person applying it, nor will it injure chickens or animals should they eat it, unless in large quantities. 5-lbs., 75c; 10-lbs., \$1.50, not postpaid.



Write for booklet "Garden Pests and Their Control," very useful and interesting.

## Gophergo Poisoned Raisins

Sure death to gophers, prairie dogs, rabbits, etc. 30c and 60c, not postpaid.

## "Black Leaf 40"

"Black Leaf 40" is a concentrated solution of nicotine sulphate, manufactured and guaranteed to contain not less than 40% of nicotine by weight. It is perfectly soluble in cold water; does not clog the nozzle nor corrode the spray outfit; can be combined and applied with lime-sulphur, bordeaux, pyrox, arsenate of lead, atomic sulphur, and such sprays. It is highly recommended by the state and government experts.

"Black Leaf 40" is used as a safe and effective spray for plant lice (aphids), thrips, leaf-hoppers, and similar insect pests in the truck garden, orchard, flower garden, grove, park, vineyard, etc.

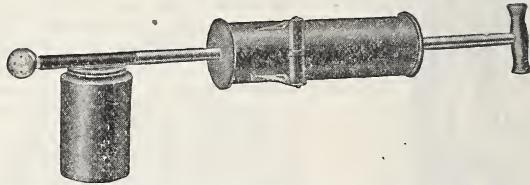
½-lb., not postpaid .....	\$1.25
2-lb., not postpaid .....	3.75
1 oz., not postpaid.....	.30



## Pure Paris Green

¼-lb. package, not postpaid .....	\$.30
½-lb. package, not postpaid .....	.50

## Corona Hand Duster



The Corona Hand-Duster No. 1 is the gatlin gun of the garden. A successful machine, fully described in booklet "Garden Pests and Their Control." Price, \$2.50, not postpaid.

The Corona Hand Duster No. 2, useful around the home, will successfully handle any dustine mixture. Price, \$1.50, not postpaid.



..This gun is ideal for applying all powder insecticides and fungicides on gardens, flowers, fruit, etc., also for applying all kinds of fly, rat and roach exterminators.

It puts out the powder in an even, smoke-like cloud and you can regulate the amount by the stroke you give the handle.

The most simple and easiest to operate of any dust gun ever offered.

Price \$1.25.

## GOPHER TRAPS

..We handle the Roy Gopher Trap, the best trap on the market today. Price 35c each.

## Red Wing Powder



For the destruction of Roaches, Flies, Bed-Bugs, Moths, Mosquitoes, Lice, Chicken Lice, Ants, Red Ants, Fleas and certain other insects  
Harmless to Mankind and Animals

Red Wing Powder, Price 10c and 25c, not postpaid.

## RAT CORN



## KILL YOUR RATS, MICE GOPHERS AND GROUND SQUIRRELS

They simply dry up.

Rat Corn is harmless to human beings and live stock. One pair of rats will produce 900,000,000 rats in five years.

The United States Government states in food alone, rats, mice, gophers, etc., destroy \$200,000,000 every year.

Price Rat Corn, 25c, 50c, \$1.00, not postpaid.

## Perfection Dog Food

PERFECTION DOG FOOD is a FOOD, and not a remedy. It should be fed every day in the year. Being a perfectly balanced ration, it acts as a conditioner, putting the digestive organs in such shape that Nature will do better work than remedies. It is especially desirable to use to condition dogs for field or show 15c lb. 25 lb. \$2.50. \$8.00 per 100.

## Talbott's Dog Remedies



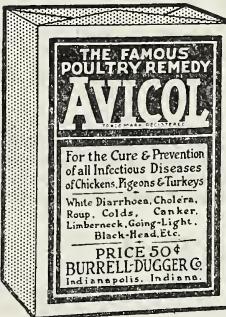
Distemper Medicine .....	25c
Rheumatic Medicine .....	25c
Cough Medicine .....	25c
Eye Medicine .....	25c
Worm Tablets .....	25c
Mange and Skin Ointment .....	25c
Anti Vomit Tablets .....	25c
Doggies Toilet Powder .....	25c

## MAKES HENS LAY



Special size \$5, holds 6 times the \$1 size. (Add 20c War Tax.)

## STOPS CHICKS DYING



Most people lose half of every hatch and seem to expect it. Chicken cholera or white diarrhoea is the trouble.

Avicel is easily given in the water for either the prevention or treatment. The thousands of poultry raisers who have used Avicel are unanimous in their praise of it.

Get a package of Avicel today. If you don't find that it promptly stops your chicks dying, or is not successful in the treatment of white diarrhoea and all other bowel diseases of poultry, your money will be refunded.

Price 50c. Large size \$1. (Holds 2½ times 50c size.) Add 2c War Tax on 50c size and 4c on \$1 size.

## KILLS POULTRY LICE

## TALCIMIZED SODIUM FLUORIDE

The U. S. Department of Agriculture recommends Sodium Fluoride to kill poultry lice. They report that it does the work better than anything else, killing both old and young lice, including the young which come from the eggs present on the fowl at the time of treatment.

Talcimized Sodium Fluoride is made especially for poultry and carries the Government's directions for applying. It is safe, easy to use, inexpensive and absolutely does the work quickly and effectively.

Price 35c.

## SPRATTS' PATENT DOG SOAP (White) FOR FLEAS, LICE, ETC.

Is of the greatest value to dog owners, as it is entirely free from poison, and at the same time most effective in the destruction of lice and fleas. Moreover, it keeps the skin free from Scurf, prevents Mange and other skin diseases. No other soap should ever be used in preparing dogs for exhibition; it leaves the coat smooth and glossy.

## CARBOLA

## Disinfecting Germ-killing White Paint

Carbola is a white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. It is non-poisonous and non-caustic. It kills lice, mites, fly eggs, etc., and helps prevent the start and spread of contagious disease that affect man, beast and fowl. Carbola is two things in one—a paint that disinfects or a disinfectant that paints. It dries a clear snow white. It saves labor, time and money. It paints and disinfects at one operation in the same time and with the same labor required to paint or disinfect only. Price Trial Package, 35c; 10 lb., \$1.75; bulk 15c per lb.

# POULTRY DEPARTMENT

## PERFECTION POULTRY FOODS

Are the cleanest and most scientifically prepared foods on the market.

We buy only the best of grains for use in these foods and every bit of grain used is first run through a cleaner and every particle of dust and dirt removed.

A great many poultry foods are made by factories which manufacture other goods and they use the inferior grains and by-products for their poultry foods. These inferior grains do not possess the feeding value of the perfect grain, therefore, their products should not be put in the same class with "Perfection Goods." If you wish to be convinced of the superiority of our mixture take a sample of "Perfection" and compare it with any other hen food on the market.

Our foods are mixed from formulas given us by one of the most noted poultry experts in the country and also formulas furnished us by the U. S. Government, obtained by them through experimental work.

### Perfection Hen Food



Is a re-cleaned mixture of over half a dozen varieties of grains properly proportioned to give the best results. It contains no smutty or inferior grains, no grit or shell and we believe it is one of the best balanced rations on the market.

Prices 8 1-3 lbs. 40c; 50 lbs. \$1.65; 100 lbs., \$3.00.

Don't hesitate in writing us your poultry troubles for feeding information, in fact anything regarding poultry. Your letters will be gladly and intelligently replied to.

### Perfection Chick Food

IT IS A MISTAKE TO FEED YOUNG CHICKS SOFT FEED; they do not need it any more than the old hen and cannot stand it half so well.

It is not the soft feed that makes the trouble alone, but the way it is fed. In most cases it is thrown on the ground and gets dirty and filthy, and FOR THAT REASON IS NOT HEALTHY. In a great many cases it is put on a board or platter and kept clean; but more is loaded on the board or platter than the chicks will eat at one time, in the course of an hour it becomes indigestible, and FO THAT REASON IS NOT HEALTHY.

Perfection Chick Food is dry and always ready for use and it is the right food for chicks. It is composed of cracked grains, seeds, grit and charcoal to promote digestion, all combined to produce quick and profitable growth without loss by disease and weakness caused by other feeds. Price—8 1-3 lb. bag, 50c; 50 lbs., \$2.40; 100 lbs., \$4.50.

### Perfection Mash



That hens will lay in Winter has been proven beyond a doubt; and to produce profitable crops they year round needs a stimulating food, that is a fertilizer. Hens to lay plenty of eggs in Winter and Summer need a stimulating food, that is, PERFECTION MASH.

Perfection Mash is a nutritious mash mixture prepared from clover, grain and animal produce designed to keep hens in laying condition and promote and increase production of eggs.

Begin feeding it now. Test its real value. 8 1-3 lb. bags, 40c; 50 lbs., \$1.85; 100 lbs., \$3.50.

The United States government lofts are using our pigeon feeds. Why not you?

In a recent test conducted at one of the State Experimental Stations, Perfection Mash and Scratch, fed in competition with five of the best known brands sold on this market. Produced from 15 to 25 per cent more eggs.

### Perfection Pigeon Food

A good, economical food goes a great way toward making pigeon raising easier and more profitable.

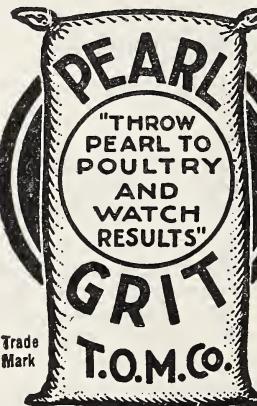
Perfection Pigeon Food is a well-balanced, re-cleaned mixture of grains, seeds, etc., properly proportioned, being especially designed to keep the old birds in good condition and help the young ones grow strong and healthy. Price, 8 lbs., 50c; 50 lbs., \$2.60; 100 lbs., \$4.50.

### Pearl Grit

Teeth and Tonic for Poultry

Pearl Grit is the cleanest, whitest and sharpest grit money can buy, but it also contains a generous supply of those minerals that the laying hen needs so badly in the production of eggs, but seldom receives. It is a double-purpose grit.

Pearl Grit contains, besides grit, a large proportion of vitreous (glass) matter, which goes to make beautiful plumage and helps a hen to molt quickly. It contains a considerable amount of calcium carbonate (lime) needed in making egg shells. It contains sulphur and carbohydrates needed in making eggs. Price 10 lb. 30c; 50 lb. \$1.25; 100 lbs. \$2.00.



### Charcoal

Pure charcoal is an excellent aid in arresting bowel complaints, and is both simple and harmless. A correcter of bowel troubles where the hens have not had a variety.



**Granulated** Suitable size for grown fowls; can be kept in open hopper ready to be eaten as wanted. 2 lbs. 25c; 10 lbs. \$1.00; 25 lbs. \$1.75; 100 lbs., \$6.00.

**Powdered** Suitable for chicks' feed in soft food. Price same as above.

### Perfection Crushed Oyster Shell

As egg shells contain a large percentage of lime, it is important that you keep the fowls well supplied with this substance, in one form or another. Perfection Oyster-shell supplies this necessary material in a most satisfactory manner, and is low in price.

#### Directions

Keep coarse shell in a hopper before the fowls at all times and mix fine shell in the soft foods in the proportion of about one-twentieth.

Price—10 lbs., 30c; 50 lbs., \$1.00; 100 lbs., \$1.75.

### Swift's High Protein Beef Scraps

A very superior grade of meat scraps prepared in a meal suitable for feeding in mash or with other soft foods. Contains fully 60 per cent protein. Is bound to give good results. 2 lbs. 25c; 25 lbs. \$2.00; 50 lbs. \$3.00; 100 lbs., \$5.50.

### Granulated Bone No. 1

#### Coarse, Strictly Pure

Consists of ground beef bone, thoroughly dried and free from grease. Rich in phosphate of lime, which is so necessary for making good egg shells and for building up the frame of the chicken. Should be placed in liberal quantities in a clean, dry place, accessible to the chickens at all times.

Price—10 lbs., \$1.00; 25-lb. sack, \$1.75; 50-lb. sack, \$3.00; 100-lb. sack, \$5.50.

### Pure Dried Buttermilk

Pure Dried Buttermilk is the highest type of digestible animal protein in the most concentrated form. It is 100% digestible and contains no filler or fibre. It is without question the best, safest and the most digestible form of animal protein for fowls. 1 lb. pkg., 30c; 5 lb., \$1.25; \$15.00 per 100.

# POULTRY DEPARTMENT

## Reliance Remedies

### Reliance Lice and Mite Killer

The only remedy of its kind that can be given in food or drinking water. Does not affect the flesh of the fowls, but quickly rids them of lice, mites and all blood-sucking insects. Never again need you use troublesome dusting powders. Satisfaction guaranteed or your money back.

### Reliance Sore-Head Remedy

A guaranteed cure for sore-head, warts, pox and scaly legs. It cures the most severe case of sore-head or chicken pox in one to four applications. Warts and scaly legs require longer treatment. Satisfaction guaranteed or your money back.

### Reliance Limber-Neck and Gape Cure

#### Given in Drinking Water

A guaranteed remedy for this disease only. Limberneck is not contagious, yet whole flocks may have it. With this remedy you may treat the whole flock or each case separately as desired. You should keep a bottle of this remedy for quick use when needed. Satisfaction guaranteed or your money back.

### Reliance Cholera Specific

#### Given in Drinking Water

An absolute cure for chicken cholera, white diarrhea and all bowel troubles in poultry and for blackheads in turkeys. It cures as well as prevents these diseases. It is not necessary to separate the sick fowls from those that are well. Guaranteed to effect a cure or your money back.

### Reliance Poultry Tonic

#### Given in Drinking Water

This wonderful tonic keeps your fowls healthy and in the best laying condition. It aids egg production by keeping the blood pure and in active circulation. It relieves crop bound and egg bound conditions and increases egg fertility. Satisfaction guaranteed or your money back.

### Reliance Roup and Canker Cure

#### Given in Drinking Water

This remedy positively cures roup, canker, colds and all catarrhal afflictions of poultry. There is no trace of roup or harmful after-effects in the fowls or their progeny. Satisfaction guaranteed or your money back.

### Two Sizes, 50c, \$1.00

### Oculum Is For Fowls

#### It is no STIMULANT.

It simply destroys germs and worms.  
(the enemies of healthy fowls)

And they grow big, strong and profitable.

Coccidium Tenellum is the U. S. Government's name for a germ which attacks the intestines of fowls—and "OCULUM" is based on the theory of Coccidiosis, as diagnosed by the United States Government.

"OCULUM" relieves disease in its worst form when all others fail, not only in chickens, but turkeys, ducks, geese and other fowls. Bottles 10c, 50c, \$1.00.

### Little Putnam Stove For Poultry

#### Fountains

This little device will keep water from freezing in zero weather. It holds 6c worth of oil and burns a month without filling or trimming. Fool proof and fire safe. Used under any can, crock or fountain.

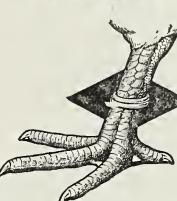
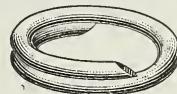
Over 80% of an egg is water. To get lots of eggs in winter, you should keep unfrozen water constantly before your fowls. One cold day with water frozen, may stop egg production for a month.

A Little Putnam Stove is also used to heat a home made oat sprouter. Plans for making sprouter packed with every stove. A 14 year old boy can build the sprouter in two or three hours with no tools but saw and hammer. The materials required need not cost more than 50c.

Price of Little Putnam Stove \$2.00.

Illustrated circular on request.

### CELLULOID LEG BANDS



Provide instant identification of birds without handling, as far as you can distinguish color. They are as easily applied and removed from the bird's leg as a key from a key ring.

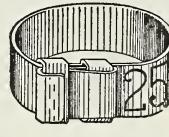
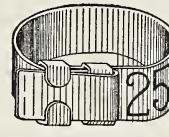
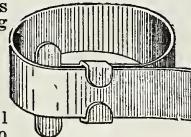
The band is light and durable and made in five bright, fast colors, as follows: Red, light blue, pink, yellow and green. These bands are also made in four different sizes, Nos. 0, 1, 2 and 3. Every poultryman should have on hand at all times a supply of bands in assorted colors and sizes which will enable him to mark his birds so he can tell at a glance the ages, months hatched, matings, best layers, etc.

### PRICES, POSTPAID

Size No.	For	Price Doz.	Hun.	Thou.
0	Chicks and Pigeons	\$ .15	\$ .85	\$7.50
1	Leghorns	.20	1.00	8.00
2	Rock & Orpingtons	.20	1.00	8.00
3	Heavier Breeds, Turkeys, Geese and Ducks	.20	1.00	8.00

### Aluminum Adjustable Leg Bands

Can be adjusted to fit the leg of any size fowl. It locks with a double clamp, fits the leg perfectly, and, once on, stays until you remove it. They are sold in sets and numbered consecutively. The numbers are always clear and distinct. Trap-nesters and show bird breeders will readily recognize the value of this numbered band.



### PRICES POSTPAID

Sets numbered 1 to 12, 15c; 1 to 25, 25c; 1 to 50, 40c; 1 to 100, 75c.

### Lice Proof Perch Supports

When the little cup is filled with coal oil, or any of the numerous liquid insecticides or disinfectants, it is impossible for lice to pass from the walls of the building to the roost, or from the roost to the building; hence hens can roost in perfect peace at night, and in a short time your fowls will be free from the plague, the lice dying for want of nourishment.

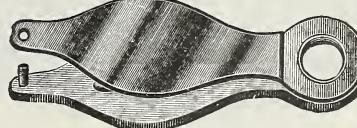
Price, sample pair, 35c; prepaid, 50c. doz. \$3.50 not prepaid.

### Porcelain Nest Eggs

This article does not need any description, as it is well known to all who keep poultry. They are made of a good quality of flint glass and will last indefinitely. Price: 5c each; per dozen 50c.

### Medicated Nest Eggs

2 for 15c. Postpaid, 25c.



### Moe's Poultry Punch

A poultry punch for marking baby chicks. Punches a clean hole in the web between the toes that will not bruise the foot. Guaranteed to work perfectly.

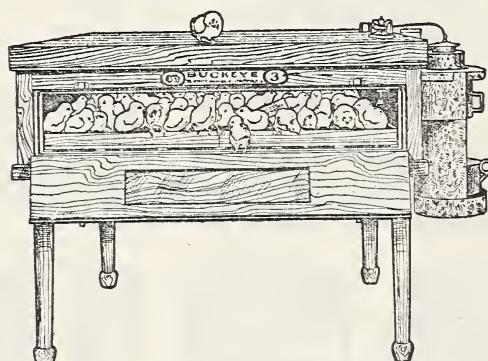
Price 25c each.

# Buckeye Incubators and Brooders

Experienced poultrymen everywhere will tell you that there is no guess work about hatching chickens with Buckeye Incubators. They are not only designed to hatch THE MOST CHICKS and THE BIGGEST CHICKS but each and every machine is so well built and so carefully constructed that they never fail to work with 100 percent efficiency. That's why we can guarantee Buckeye Incubators to HATCH MORE CHICKS—AND STRONGER CHICKS THAN ANY OTHER.

Before the whole poultry business was a revolutionized by BUCKEYE POULTRY-RAISING

## Buckeye Incubators



STYLE E INCUBATORS

No. 14—Capacity 65 eggs .....	\$18.00
No. 16—Capacity 110 eggs .....	30.75
No. 17—Capacity 210 eggs .....	40.50

## STANDARD STYLE (More expensive construction)

No. 1—Capacity 110 eggs .....	\$41.00
No. 2—Capacity 175 eggs .....	48.25
No. 3—Capacity 250 eggs .....	62.50
No. 4—Capacity 350 eggs .....	73.75
No. 5—Capacity 600 eggs .....	116.00

## "Buckeye" "Blue-Flame" Brooders



No. 10	No. 11	No. 12
Diam., 34 Inches. Capacity 200 Chicks.	Diam., 42 Inches. Capacity 350 Chicks.	Diam., 52 Inches. Capacity 500 Chicks.

\$18.75

\$22.25

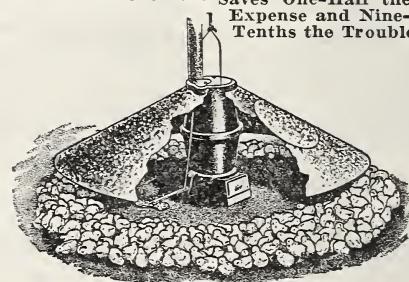
\$24.75

EQUIPMENT, it was a common thing for poultry raisers to lose from 25 to 50 percent of all the chicks they hatched. Today these same breeders think nothing at all of raising from 85 to 95 percent of every hatch with "Buckeye" Brooders—and they do it with one-quarter of the labor—and without any of the worry.

Buckeye Colony Brooders grow three chicks where one grew before and actually cut the expense right in half. These remarkable brooders are made to burn coal or kerosene, they are self-feeding, self-regulating, simple, safe and everlastingly on the job.

## "Standard" Coal-Burning Brooders

Grows Three Chicks Saves One-Half the Expense and Nine-Tenths the Trouble



### "STANDARD" BROODER NO. 18

Capacity up to 500 Chicks.

Height of Stove, 20 Inches.

Diameter of Base, 11 Inches.

Diameter of Grate, 8 1/4 Inches.

Diameter of Canopy, 42 Inches.

Stove Equipped with Rocker Grate, Self-Cleaning and Anti-Clog.

Equipment Includes Portable Ash Pan for Stove, Rope and Pulleys for Canopy.

Weight—Crated for Shipment, 75 Pounds.

Price, \$23.75

### "STANDARD" BROODER NO. 19

Capacity up to 1,000 chicks.

Height of Stove, 21 1/2 Inches.

Diameter of Base, 12 Inches.

Diameter of Grate, 9 Inches.

Diameter of Canopy, 52 Inches.

Stove Equipped with Rocker Grate, Self-Cleaning and Anti-Clog.

Equipment Includes Portable Ash Pan for Stove, Rope and Pulleys for Canopy.

Weight—Crated for Shipment, 95 Pounds.

Price, \$29.50

## "Buckeye" Lamp-Heated Brooders

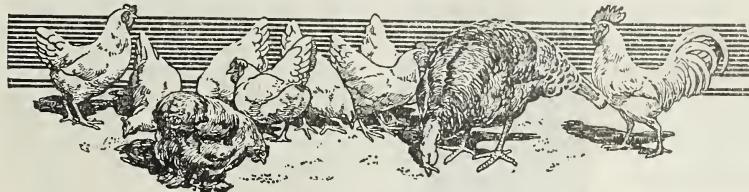


No. 20	No. 21	No. 22
Diam., 19 Inches. Capacity 60 Chicks.	Diam., 22 Inches. Capacity 100 Chicks.	Diam., 30 Inches. Capacity 150 Chicks.

\$12.50

\$16.25

\$20.00



### Pratt's Roup Remedy

(Tablets or Powder)

Roup is one of the most dangerous, fatal, and contagious of all poultry diseases, and for years nothing seemed to check it. Today it can be cured by Pratt's Roup Remedy. Pratt's Roup Remedy is now made in tablet as well as in powdered form. The tablets are generally favored by poultrymen as it is often necessary to give individual treatment to sick birds, and this can more easily be done with the remedy in tablet form. 30c, 60c and \$1.20.



### Pratt's Poultry Regulator

This is the original poultry regulator of America, used by the most successful poultrymen everywhere.

It is a guaranteed egg producer, and when regularly used, hens lay throughout the year.

25-lb. pail at \$3.60; 12-lb. pail at \$1.85, 30c, 65c and \$1.30 pkgs.



### Pratt's Buttermilk Baby Chick Food

This is one of the greatest money-savers and greatest Chicken-savers ever placed on the market. Every man, woman and child who raises little turkeys, ducks and geese should try at least one package of Pratt's Baby Chick Food. It is a scientific food ration to be fed for the first three weeks. If you want real success with hatchets, if you want to save all the baby chicks. 2½ lb. pkg., 40c; 5¾ lb. pkg., 80c.

Special Remedy, for Cholera 60c and 30c  
Bronchitis Remedy, 60c and 30c.

Scaly Leg Remedy, 70c and 35c.

Head Lice Ointment, 35c.

Gape Remedy, 70c.

Condition Tablets, 30c.

### Pratt's Lice Killer

(Powdered Form)

It quickly and thoroughly kills all lice on little chicks, big chicks, setting hens, and incubator chicks. It rids horses, cattle, hogs, dogs and cats of lice, and destroys ticks on sheep. It destroys insects and bugs on vines, plants and flowers. A valuable deodorizer and disinfectant for all poultry houses, barns, stables and dwellings. Drives out moths from closets, furniture, carpets and clothing. 30c, 60c and \$1.20.



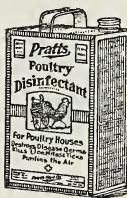
### Pratt's Animal Regulator

This is the original and pioneer stock regulator of America. It keeps horses well and strong, improves their wind and makes their coat sleek and glossy.

Hogs are raised and fattened quickly and kept free from disease. Sheep are kept healthy and their meat and wool improved by its use.

Test it on our guarantee to do the work or money refunded.

30s, 65c and \$1.30 packages. 12-lb. pails, \$2.55; 25-lb. pails, \$4.10.



### Pratt's Poultry Disinfectant

If poultry keepers would regularly spray the chicken houses, roosts, dropping boards and utensils with Pratt's Disinfectant, most of their troubles would vanish. This great Disinfectant is a real wonder-worker in the poultry yard. Put up in 1-qt., 70c; ½-gal. cans, \$1.25 and 1-gallon cans, \$2.00.

White Diarrhoea Cure, 30c and 60c.

Sore Head Remedy, 35c and 70c.

Scaly Leg Remedy, 70c and 35c.

Head Lice Ointment, 35c and 70c.

White Diarrhoea Cure, 30c and 60c.

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**DR. LEGEAR'S POULTRY PRESCRIPTION:**—Hastens the moult, tones up the system, stimulates the egg-producing organs without injury and lengthens the period of egg production, when eggs mean money. Helps you raise your little chicks. 30c, 60c and \$1.20 pkgs. 25 lb pails, \$3.50.



**DR. LEGEAR'S ROP REMEDY** for roup, colds and other catarrhal affections. Roup is very fatal and contagious. At the first sign of cold, separate the affected birds from the rest and positively stamp out this disease before it spreads. 2 oz. cans, 30c.

**DR. LEGEAR'S SORE HEAD REMEDY:**—For all injuries and diseases of the comb, wattles, face and head of fowl, such as Sore Head (Chicken Pox), Frost Bite, etc. 2-oz. can, 30c.

## McCandlish Improved Chick Feeder



Made of galvanized iron, no rough edges, waste impossible. Can't capsize.

Equipped with adjustable partitions for various kinds of feed.

An ideal drinking receptacle also. Lengths 12, 20 and 30 inches.

Prices 40, 50 and 75 cents.

Revolving rod prevents the chicks from perching upon it, making the feeder **Absolutely Sanitary**.

## "Dazey" Flower Holder



Allow the flowers to be more artistically grouped as the stems can be set at any angle in the mesh.

The weighed metal ring base gives a splendid balance and will prevent the flowers upsetting under any ordinary conditions.

Being cast of a metal that is practically unbreakable, it will last indefinitely and will not scratch or mar the finest bowl or vase. Sizes from 2 1/4 inch to 5 1/4 inch base. Price from 50c \$1.50.

**DR. LEGEAR'S DIP AND DISINFECTANT:**—An invaluable antiseptic, insecticide, germicide and deodorant. No poultry yard should be without it. Keeps your poultry houses, brooders, incubators and yards clean and healthful and free from disease germs, vermin, etc. Good for itch, mange, lice, and ticks on live stock. Keeps the hair and skin in healthy condition.

Quart, 75c; gallon, \$2.00.



## DR. LEGEAR'S LICE KILLER

(Powder)

If lice don't go, your poultry will. Lice sap blood and energy that should go into growth and eggs. Dr. LeGear's Lice Killer saves millions of chicks and stops enormous egg loss from lousy hens. Dust the hens and place it in dust bath,—AND WATCH LICE GO. 1-lb. sifter-top can, 30c.

## OTHER DR. LEGEAR'S REMEDIES

Dr. LeGear's Liniment  
Dr. LeGear's Worm Remedy  
Dr. LeGear's Hog Prescription  
Dr. LeGear's Spavin Remedy (Blister)  
Dr. LeGear's Antiseptic Healing Oil

Dr. LeGear's Cold Tablets  
Dr. LeGear's Gall Remedy  
Dr. LeGear's Colic Remedy  
Dr. LeGear's Eye Water  
Dr. LeGear's Screw Worm Killer  
Dr. LeGear's Heave and Distemper Remedy

## BIRD CAGES



We carry a large assortment of Bird Cages in both enamel and brass, round, square or oblong, with or without brass guards, at prices ranging from \$2.00 to \$7.00

We also carry a full line of Bird supplies including

Bird Manna  
Cuttle Bone  
Bird Gravel  
Mite Powder  
Bird Bitters  
Song Restorer



Order a trial package of our **PERFECTION MIXED BIRD SEED** composed of a mixture of choice fresh canary, hemp, rape, millet and other seed. Price: 25c for 1b. package.

## Valuable Books

**Feathered Pets**—The most complete and practical book ever published on the care of Canaries, Parrots and other cage birds. Price 35c.

**Canary Breeding and Training**—It is thoroughly reliable and the most complete book ever published on the subject in any country. Price 50c.

**Home Floriculture**—This may well be considered a complete text book and guide for the culture of blooming and ornamental plants in the house, conservatory and garden. Price 50c.

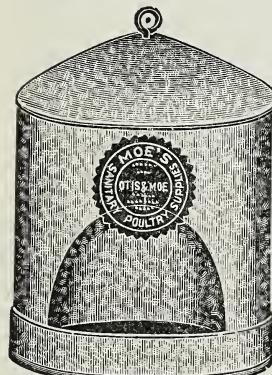
# POULTRY DEPARTMENT

## STAR JAR FOUNT



Superior to all other Mason Jar Fountains. Rust proof and indestructible. Used for old and young chickens. 15c each.

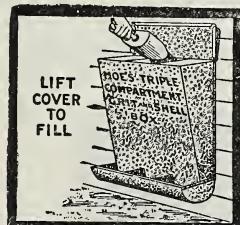
## BROODER FOUNTAINS



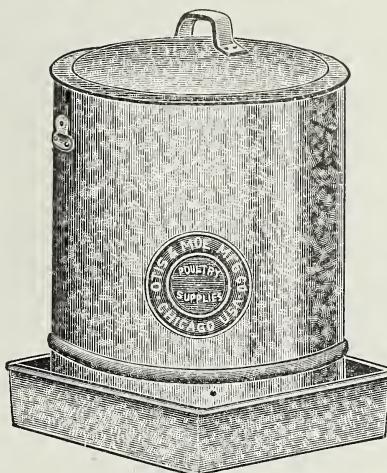
**Brooder Fountains**  
One size only  
No. 0—1-quart capacity....\$50

## GRIT AND SHELL BOXES

No. 45—For baby chicks.	
Each .....	\$ .50
No. 9—For grown birds.	
Each .....	\$1.25



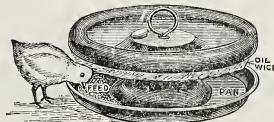
## TOP-FILL FOUNTAINS



**To-Fill Fountains**

No. 1—1-gal. capacity, shipping wt 4 lbs...	\$1.90
No. 2—2-gal. capacity, shipping wt. 5 lbs...	2.75
No. 4—4-gal capacity, shipping wt. 8 lbs...	3.50

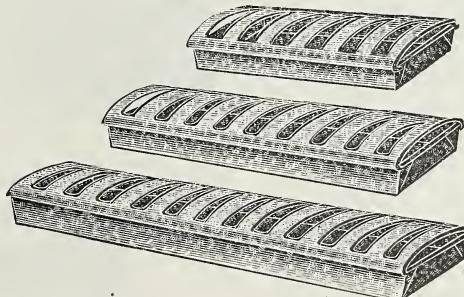
## AUTOMATIC CHICK GREASER



The wick around the upper part of the greaser is saturated with oil (a mixture of two-third lard and one-third kerosene or black oil) and every chick which eats out of the pan will get its head thoroughly greased in a very few minutes. This apparatus saves much time and trouble, and adds considerable to your profits.

Price of Automatic Greaser, \$1.00.

## SANITARY FEEDING TROUGH



No. 21—12 in. long, each 50c.  
No. 22—12 in. long, each 70c.  
No. 23—24 in. long, each \$1.00

## ROUND CHICK FEEDER



Little chicks cannot waste food. Sanitary and economical. Two sizes.

Price, 25c and 50c.

## BOTTOM-FILL FOUNTAINS



**Bottom-Fill Fountains**

Price each

No. 19—1 quart capacity ..	\$ .40
No. 20—1/2 gallon capacity ..	.50
No. 24—1 gallon capacity ..	.75

## Dry Mash Hoppers

Large in capacity, small in price.

This hopper does away with all trouble of feed clogging, no matter how coarse. Manufactured in three sizes.

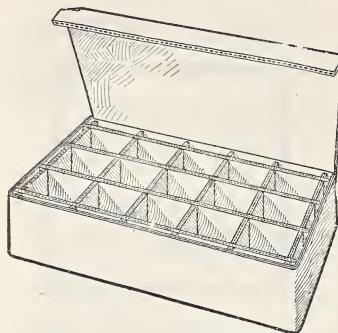
No. 35, \$1.75; No. 36, \$2.25;  
No. 37, \$3.25.



Every single article listed on this page is sold with OUR HIGHEST RECOMMENDATION. After several years thorough trial our list of founts and feeders has been condensed to those listed above. You will be highly pleased on arrival of goods.

# POULTRY DEPARTMENT

## Andrews' Efficiency Hatching-Egg Carrier



**SIZES**                    **DIMENSIONS**  
15 eggs             $11\frac{1}{8} \times 7\frac{3}{8} \times 2\frac{7}{8}$  in.  
30 eggs             $13\frac{1}{8} \times 11\frac{3}{8} \times 2\frac{7}{8}$  in.

If there was no other reason, you ought to buy these carriers on price alone. But look at these special features. Air cushion all around edges minimizing jars. Eggs stand on end to prevent breaking. Waterproof outside. Carriers all in one piece. Printed gummed address label with each carrier.

**PRICES**  
Each 20c, doz. \$2.20  
Each 35c, doz. 3.85

## Commercial Egg Cartons

Your eggs will command a better price when delivered in attractive cartons.

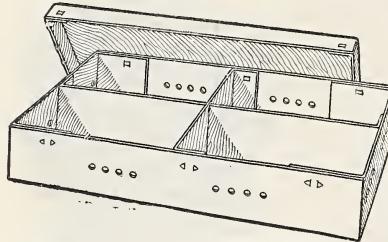
**Eagle Cartons (square)** bundles of 250.

**Scout Cartons**, bundles of 250.

**Suwane Cartons**, bundles of 250.

Write for Prices.

## Andrews' Efficiency Baby-Chick Carrier

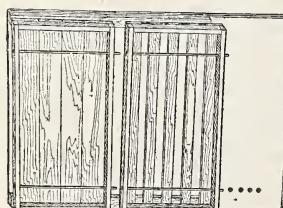


**SIZES**                    **DIMENSIONS**  
25 Chicks             $13\frac{3}{4} \times 8\frac{5}{8} \times 3\frac{8}{16}$  in.  
50 Chicks             $12 \times 12 \times 5$  in.  
100 Chicks            $26\frac{1}{8} \times 15 \times 5$  3-8 in.

Simplicity is the big feature here — also low prices. Strong, waterproof inside and out. Top and bottom each in one piece, shipped flat. Put up by specially fixed brass pins. Nothing to glue — no straps to tie. Strong adhesive tape seals box.

**PRICES**  
30c, Doz. \$3.00  
45c, Doz. \$5.00  
60c, Doz. \$6.50

## Andrews' Efficiency Koop



**SIZES**                    **DIMENSIONS**                    **PRICES**  
Single (1 to 3 birds)     $22 \times 3-8 \times 13\frac{1}{8} \times 24$  in.    \$1.50 6 for \$8.25  
Double (2 to 4 birds)     $22 \times 3-8 \times 19\frac{1}{8} \times 24$  in.    \$2.00 6 for \$11.00  
Pen (5 to 8 birds)        $22 \times 3-8 \times 23\frac{1}{8} \times 24$  in.    \$2.50 6 for \$13.75

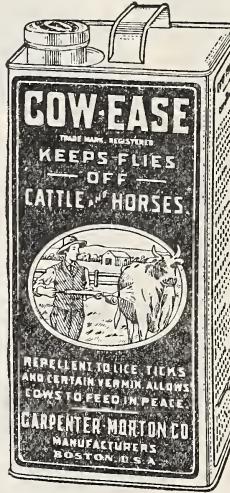
## French's Poultry Mustard

Promotes health, aids digestion and assists fowls during the moulting period. Regarded by experienced poultrymen as one of the greatest aids in increasing egg fertility. Used extensively by the best breeders in England. Price  
 25 pound pails..... \$8.50  
 10 pound boxes..... 3.60  
 5 pound boxes..... 1.90  
 3 pound boxes..... 1.25  
 1½ pound boxes..... .75  
 Prices F. O. B. El Paso, add postage on small packages.

We handle a full line of Conkey's Remedies and Tonics for Poultry and Stock. If interested ask for special circular sent free

Conkey's Roup Cure, 30c, 60c and \$1.20 pkgs.  
 Conkey's Bronchitis Cure, 60c package.  
 Conkey's Cholera Cure, 30c and 60c packages.  
 Conkey's Gape Cure, 60c package.  
 Conkey's Chickenpox Cure, 60c package.  
 Conkey's Limberneck Cure, 60c package.  
 Conkey's Scaly Leg Cure, 60c package.  
 Conkey's Rheumatic Cure, 60c package.  
 Conkey's Poultry Worm Cure, 60c package.  
 Conkey's White Diarrhoea Cure, 30c and 60c packages.  
 Conkey's Poultry Tonic, 30c package.  
 Conkey's Lice Powder, 30c and 60c packages.  
 Conkey's Noxicide, 35c, 60c, 90c and \$1.50.  
 Conkey's Laying Tonic, 60c and \$1.20 packages.  
 Conkey's Horse Tonic, \$1.20 package.  
 Conkey's Healing Powder, 30c and 60c packages.  
 Conkey's Colic Remedy, 60c and \$1.20 packages.  
 Conkey's Hoof Remedy, 60c and \$1.00 packages.  
 Conkey's Bag Ointment, 30c and 60c packages.  
 Conkey's Stock Tonic, 30c, 60c and \$1.20 packages.

## COW-EASE



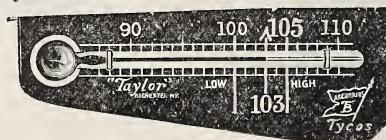
Is a liquid preparation, carefully compounded from non-poisonous materials. It is of the right consistency for applying with a sprayer, and it will not gum the hair or blister the skin. Every dairyman and owner of live stock should use Cow-Ease during the summer season, for its use is a humane act and it also saves money for the stock owner. A herd of milch cows sprayed regularly through the fly season will yield on the average of from 10 to 20% more milk than they would if Cow-Ease was not used.

### PRICES

Quart	.....	50c
½-gallon	.....	85c
1-gallon	.....	\$1.50
5-gallon	.....	\$7.00

## "Tycos" Incubator Thermometer

A most popular style instrument. Made in mercury tubes only. Each \$1.00.



## "Tycos" Brooder Thermometer



Price \$1.50

# GARDEN IMPLEMENTS

## No. 1

Shovel very best grade of steel  
PRICE .... \$1.50

## No. 2

Spade—Well made.  
PRICE, \$1.50

## No. 3

Spading Fork—a most useful tool  
PRICE .... \$2.00

## No. 4

Weeder—handy for vegetable and flower garden work  
\$1.25

## No. 5

Irrigation Shovels. High grade steel  
PRICE .... \$2.00

## No. 6

Trowel—a garden necessity  
PRICE .... 35c

## No. 7

Rakes—14 tooth—best grade for \$1.25  
A good 14-tooth tool for 75c

Post Hole Digger  
\$2.25

Irrigating Hoes, 10 inch, Price \$1.75

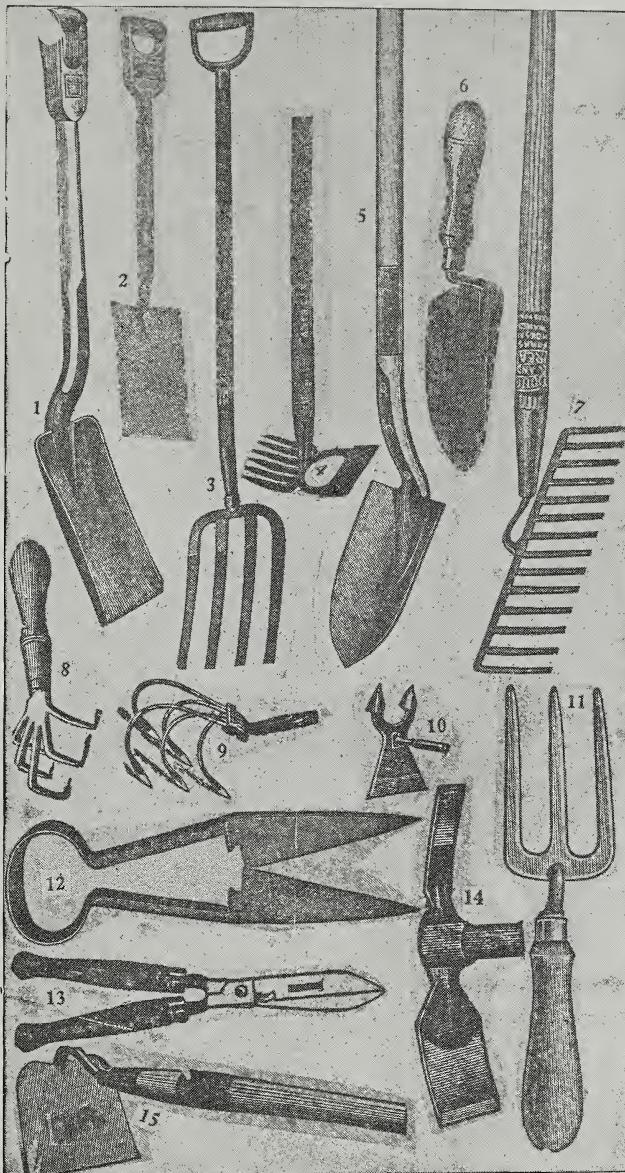
Hay Forks  
PRICE .... \$1.65

Corn Planters  
PRICE .... \$2.50

**Good Tools Only**

Perfection Cultivator—Write for Cut and description

ALL F. O. B.  
EL PASO



## No. 8

Weeder and Cultivator—a substantial tool  
PRICE ..... 15c

## No. 9

Weeder and Cultivator  
PRICE ..... 35c

## No. 10

Cultivator and Hoe  
PRICE, \$1.10

## No. 11

Fork—a nice little tool  
PRICE ..... 25c

## No. 12

Grass Shears—best made  
PRICE ..... 85c

## No. 13

Hedge Shears—best grade only  
PRICE ..... \$2.25

## No. 14

Mattock—a good heavy tool—very useful  
PRICE .... \$1.10

**BEET KNIVES**  
75c

Garden Hose—best rubber  
25 ft. for \$5.25

**SEE PULL EASY CULTIVATOR ON PAGE 31**

**LAWN MOWERS**  
Write for Prices

**Good Tools Only**

**CORONA GRINDING MILL**  
Write for description

ALL F. O. B.  
EL PASO

LADIES' AND CHILDREN'S GARDEN SETS MADE OF BEST MATERIAL—SPADE, HOE AND RAKE  
\$1.75 FOR SET OF THREE

## No. 15 HOES

OUR STOCK OF HOES IS VERY COMPLETE—No. 15 IS 7 INCH AND SELLS FOR \$1.25—OTHER STYLES AND WEIGHTS FROM 85c UP

## DIBBLES 25c

NOTHING LISTED BUT HIGHEST GRADE TOOLS—IF WHAT YOU WANT IS NOT LISTED—WE HAVE IT—SO WRITE

# W. D. WISE SEED CO.

EL PASO, TEXAS



INCUBATORS  
BROODERS  
AND  
POULTRY  
SUPPLIES



FLOWER  
GARDEN  
AND  
FIELD  
SEED